



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8
1595 WYNKOOP STREET
DENVER, COLORADO 80202
<http://www.epa.gov/region8>



MEMORANDUM

DATE: April 27, 2010

SUBJECT: Deobligation of Remaining Funds on IA DW-96-95398501

FROM: Wayne Anthofer, Director
Grants, Audit and Procurement Program Office

TO: James V. Wood, Director
Cincinnati Finance Center


In accordance with the IA Policy, we are closing out the above-referenced IA and request the Cincinnati Finance Center to deobligate the remaining funds of \$22,886.59. A decrease amendment has been processed and mailed to the other federal Agency for signature. Since 90 days have passed and no signed acceptance has been received, the Region 8 Grants Office considers this IA administratively and financially closed out. A copy of this decrease amendment is attached.

Attachment

cc: Roger Hoogerheide, 8MO
File Copy



Printed on Recycled Paper

 <p>United States Environmental Protection Agency Washington, DC 20460</p> <p>Interagency Agreement/ Amendment</p> <p>Part 1 - General Information</p>		1. EPA IA Identification Number DW-96-95398501 - 5		2. Funding Location by Region EPA R8					
		3. Other Agency IA ID Number (if known)		4. Awarding Office EPA R8					
		5. Type of Action Decrease							
6. Name and Address of EPA Organization US Environmental Protection Agency Montana Office 10 West 15th Street, Suite 3200 Helena, MT 59626		7. Name and Address of Other Agency Corps of Engineers-Omaha District E&M Center of Expertise - 1616 Capitol Ave., Suite 9200 Omaha, NE 68102-9200							
8. DUNS: 029128894		9. BETC: DISB		10. DUNS: DOD966503					
		11. BETC: COLL							
12. Project Title and Description Interagency Agreement between EPA and USACE Technical assistance to support Superfund Five Year Review activities The purpose of this decrease amendment is to close out this interagency agreement (IA) and deobligate any remaining funds. If EPA does not receive either a signed acceptance or written notification of any discrepancies within 90 calendar days from the US Postal Service Certified Mail Return Receipt date (PS Form 3811), these funds will be deobligated and the IA will be considered administratively and financially closed.									
13. EPA Project Officer (Name, Address, Telephone Number) Roger Hoogerheide 10 West 15th Street, Suite 3200 Helena, MT 59626-9706 406-457-5031 E-Mail: hoogerheide.roger@epa.gov FAX: 406-457-5056			14. Other Agency Project Officer (Name, Address, Telephone Number) Marvene Seaman (CEHNC-CX-ES) 1616 Capitol Ave., Suite 9200 Omaha, NE 68102-9200 402-697-2425 E-Mail: Marvene.L.Seaman@usace.army.mil FAX:						
15. Project Period: 06/15/2007 to 11/30/2009			IA Specialist: Danette Quick 406-457-5010						
16. Scope of Work (See Attachment)									
17. Employee/Tax ID No. 520852695		18. CAGE No: 347A4		19. ALC: 68-01-0727					
20. Statutory Authority for Transfer of Funds and Interagency Agreement CERCLA: Secs. 105(a)(4) & 115; Executive Order 12580 as amended					21. Other Agency Type Federal Agency				
22. Revise Reimbursable Funds and Direct Fund Cites (only complete if applicable)									
	Previous Funding		This Action		Amended Total				
Revise Reimbursable (in-house)					0				
Direct Fund Cite (contractor)					0				
Total					0				
	Previous Amount		Amount This Action		Total Amount				
23. EPA Amount	\$283,000		\$-22,887		\$260,113				
24. EPA In-Kind Amount	\$0		\$0		\$0				
25. Other Agency Amount	\$0		\$0		\$0				
26. Other Agency In-Kind Amount	\$0		\$0		\$0				
27. Total Project Cost	\$283,000		\$-22,887		\$260,113				
28. Fiscal Information									
Treas. Symbol	DCN	FY	Appropriation	Budget Org	PRC	Object Class	Site/Project	Cost Org	Ob/De-Ob Amt
	LRA039	07	T	8AL0R	302DD2C	2507	0828FE00	C001	-88
	LRA039	07	T	8AL0R	302DD2C	2507	0872FE00	C001	-114
	LRA039	07	T	8AL0R	302DD2C	2507	081YFE00	C001	-730
	LRA039	07	T	8AL0R	302DD2C	2507	08K5FE00	C001	-1,658
	LRA039	07	T	8AL0R	302DD2C	2507	0865FE00	C001	-2,644
	LPV186	08	T	8AL0P	302DD2C	2507	0829TA06	C017	-13,520
	LPV187	08	T	8AL0P	302DD2C	2507	08WQWQ00	C051	-4,133
									-22,887

Part II - Approved Budget

EPA IAG Identification Number

DW-96-95398501 - 5

29. Budget Categories	Itemization of All Previous Actions	Itemization of This Action	In-Kind Itemization of This Action	Itemization of Total Project Cost to Date
(a) Personnel	\$22,767	\$0		
(b) Fringe Benefits	\$9,330	\$0		
(c) Travel	\$0	\$0		
(d) Equipment	\$0	\$0		
(e) Supplies	\$0	\$0		
(f) Procurement / Assistance	\$230,000	\$-22,887		
(g) Construction	\$0	\$0		
(h) Other	\$2,610	\$0	\$0	
(i) Total Direct Charges	\$264,707	\$-22,887	\$0	
(j) Indirect Costs:	\$18,293	\$0	\$0	

Charged - Amount

Rate: %

Base: \$

Not Charged:

Funds-In: Not charged by EPA

Amount \$

Funds-Out: Not charged by Other Agency

Estimate by other Agency

Amount \$

Exempt (Working Capital Fund, Shared Services, etc.)

(k) Total	\$283,000	\$-22,887	\$0
(EPA Share 100.00 %)			
(Other Agency Share 0.00 %)			

30. How was the IDC Base calculated?31. Is equipment authorized to be furnished by EPA or leased, purchased, or rented with EPA funds? ☐ Yes ☒ No

(Identify all equipment costing \$1,000 or more)

32. Are any of these funds being used on extramural agreements? ☒ Yes ☐ No**Type of Extramural Agreement**

Contractor/Recipient Name (if known)	Total Extramural Amount Under This Project	Percent Funded by EPA (if known)
Various	207113 Total \$ 207,113.00	

Part III - Funding Methods and Billing Instructions

33. (Note: EPA Agency Location Code (ALC) - 68010727)	
<input checked="" type="checkbox"/> Disbursement Agreement	Request for repayment of actual costs must be itemized on SF 1080 and submitted to the Financial Manager Cincinnati, OH 45268-7002:
<input checked="" type="checkbox"/> Repayment	<input checked="" type="checkbox"/> Monthly <input type="checkbox"/> Quarterly <input type="checkbox"/> Upon Completion of Work
<input type="checkbox"/> Advance	Only available for use by Federal agencies on working capital fund or with appropriate justification of need for payment method. Unexpended funds at completion of work will be returned to EPA. Quarterly cost reports will be filed with the Financial Management Center, EPA, Cincinnati, OH 45268-7002.
<input type="checkbox"/> Allocation Transfer-Out	Used to transfer obligational authority or transfer of function between Federal agencies. Must receive prior approval from the Office of Comptroller, Budget Division, Budget Formulation and Control Branch, EPA Hdqtrs. Forward appropriate request to the Financial Reports and Analysis Branch, Financial Management Division, PM-226F, EPA, Washington, DC 20460.
34. <input type="checkbox"/> Reimbursement Agreement <input type="checkbox"/> Repayment <input type="checkbox"/> Advance	
<input type="checkbox"/> Allocation Transfer-In	

Other Agency's Billing Address (include ALC or Station Symbol Number)	Other Agency's Billing Instructions and Frequency

Part II - Approved Budget				EPA IAG Identification Number DW-96-95398501 - 5
29. Budget Categories	Itemization of All Previous Actions	Itemization of This Action	In-Kind Itemization of This Action	Itemization of Total Project Cost to Date
(a) Personnel	\$22,767	\$0		\$22,767
(b) Fringe Benefits	\$9,330	\$0		\$9,330
(c) Travel	\$0	\$0		\$0
(d) Equipment	\$0	\$0		\$0
(e) Supplies	\$0	\$0		\$0
(f) Procurement / Assistance	\$230,000	\$-22,887		\$207,113
(g) Construction	\$0	\$0		\$0
(h) Other	\$2,610	\$0	\$0	\$2,610
(i) Total Direct Charges	\$264,707	\$-22,887	\$0	\$241,820
(j) Indirect Costs:	\$18,293	\$0	\$0	\$18,293
Charged - Amount Rate: % Base: \$ Not Charged: Funds-In: Not charged by EPA Amount \$ Funds-Out: Not charged by Other Agency Estimate by other Agency Amount \$ Exempt (Working Capital Fund, Shared Services, etc.)				
(k) Total (EPA Share 100.00 %) (Other Agency Share 0.00 %)	\$283,000	\$-22,887	\$0	\$260,113
30. How was the IDC Base calculated?				
31. Is equipment authorized to be furnished by EPA or leased, purchased, or rented with EPA funds? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No (Identify all equipment costing \$1,000 or more)				
32. Are any of these funds being used on extramural agreements? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
Type of Extramural Agreement				
Contractor/Recipient Name (if known)	Total Extramural Amount Under This Project		Percent Funded by EPA (if known)	
Various	207113 Total \$ 207,113.00		100	
Part III - Funding Methods and Billing Instructions				
33. (Note: EPA Agency Location Code (ALC) - 68010727)				
<input checked="" type="checkbox"/> Disbursement Agreement Request for repayment of actual costs must be itemized on SF 1080 and submitted to the Financial Management Office, Cincinnati, OH 45268-7002:				
<input checked="" type="checkbox"/> Repayment <input checked="" type="checkbox"/> Monthly <input type="checkbox"/> Quarterly <input type="checkbox"/> Upon Completion of Work				
<input type="checkbox"/> Advance Only available for use by Federal agencies on working capital fund or with appropriate justification of need for this type of payment method. Unexpended funds at completion of work will be returned to EPA. Quarterly cost reports will be forwarded to the Financial Management Center, EPA, Cincinnati, OH 45268-7002.				
<input type="checkbox"/> Allocation Transfer-Out Used to transfer obligational authority or transfer of function between Federal agencies. Must receive prior approval by the Office of Comptroller, Budget Division, Budget Formulation and Control Branch, EPA Hdqtrs. Forward appropriate reports to the Financial Reports and Analysis Branch, Financial Management Division, PM-226F, EPA, Washington, DC 20460.				
34. <input type="checkbox"/> Reimbursement Agreement <input type="checkbox"/> Repayment <input type="checkbox"/> Advance				
<input type="checkbox"/> Allocation Transfer-In				
Other Agency's Billing Address (Include ALC or Station Symbol Number)			Other Agency's Billing Instructions and Frequency	

Part IV - Acceptance Conditions

EPA Identification Number

DW-96-95398501 - 5

35. Terms and Conditions (See attached terms and conditions, Attachment B)**Part V - Offer and Acceptance**

Note: A) For Fund-out actions, the agreement/amendment must be signed by the other agency official in duplicate and one original returned to the Grants and IA Management Division for Headquarters agreements or to the appropriate EPA Regional IA administration office within 3 calendar weeks after receipt or within any extension of time that may be granted by EPA. The agreement/amendment must be forwarded to the address cited in item 29 after acceptance signature.

Failure to return the properly executed document within the prescribed time may result in the withdrawal of offer by EPA. Any change to the agreement/amendment by the other agency after the document is signed by the EPA Award Official, which the Award Official determines to materially alter the agreement/amendment, shall void the agreement/amendment.

B) For Funds-In actions, the other agency will initiate the action and forward two original agreements/amendments to the appropriate EPA program office for signature. The agreements/amendments will then be forwarded to the appropriate EPA IA administration office for signature on behalf of the EPA. EPA will return one original copy after acceptance returned to the other agency after acceptance.

EPA IA Administration Office (for administrative assistance)**EPA Program Office (for technical assistance)****36. Organization/Address**

U.S. Environmental Protection Agency
EPA R8
10 West 15th Street, Suite 3200
Helena, MT
59626

37. Organization/Address

US Environmental Protection Agency
R8 - Region 8
10 West 15th Street, Suite 3200
Helena, MT 59626-9706

Award Official on Behalf of the Environment Protection Agency**38. Signature****Typed Name and Title**

Wayne Anthofer, Director, Grants, Audit and Procurement Program Office

Date

1/20/10

Authorizing Official on Behalf of the Other Agency**39. Signature****Typed Name and Title****Date**



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8
1595 WYNKOOP STREET
DENVER, COLORADO 80202
<http://www.epa.gov/region8>

Ref: 8MO

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CONCURRENCE COPY

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Marvene Seaman (CEHNC-CX-ES)
U.S. Army Corps of Engineers
E&M Center of Expertise
1616 Capitol Ave., Suite 9200
Omaha, NE 68102-9200

JAN 20 2010

Re: Interagency Agreement
DW-96-95398501-5

Dear Ms. Seaman:

Enclosed is a decrease amendment to an Interagency Agreement between the U.S. Environmental Protection Agency, Region VIII, Montana Office, and the U.S. Army Corps of Engineers. This decrease amendment is to close out this IA and deobligate any remaining funds. If EPA does not receive either a signed acceptance of this amendment or written notification of any discrepancies within 90 calendar days from the US Postal Service Certified Mail Return Receipt date (PS Form 3811), these funds will be deobligated and the IA will be considered administratively and financially closed.

Please sign and date line 33 on both copies of the enclosed EPA Form 1610-1. Retain the recipient copy for your files, and return the remaining EPA copy of the agreement to:

Danette Quick, Grants Specialist
EPA Region VIII, Montana Office
10 W. 15th Street, Suite 3200
Helena, MT 59626

If you have any questions regarding the administrative requirements, contact Danette Quick at (406)457-5010, via Email at quick.danette@epa.gov. If you have any questions regarding the technical requirements, contact Roger Hoogerheide at (406)457-5031, via Email at hoogerheide.roger@epa.gov.

Sincerely,

Wayne Anthofer, Director
Grants, Audit & Procurement
Program Office

Enclosures

F:\ 1/5/10:Danette\Documents\IAs\USACE 5YrR 985.doc

DM-16840
1/5/10

RH
1/6/10
JAD
1/6/10



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**IA Close out Notification To: Roger Hoogerheide, 8MO
December 8, 2009**

According to our records and the records of the Office of the Chief Financial Officer, Cincinnati Finance Center (OCFO/CFC), this IA expires **June 30, 2012**, however, this office is taking action to initiate close out of this project. The IA is with the **U.S. Army Corps of Engineers**, IA number **DW-96-95398501**. The remaining funds to be deobligated are **\$22,886.59**.

It is requested that you review the IA and determine if the following requirements have been met:

- (1) all technical requirements have been satisfactorily completed;
- (2) the final report and/or other deliverables have been received and accepted;
and
- (3) all charges have been billed and/or payments received.

Check the appropriate space below and return so that we can initiate close out procedures. If you have any questions, please call Danette Quick at x 5010.

- () All IA requirements have been met and close out can proceed (including disposition of property). There are no funds remaining on the IAG.
- (X) All IA requirements have been met and close out can proceed including a decrease amendment to deobligate remaining funds. **(No decision memorandum required)**
- () All IA requirements have not been met, a no-cost extension is requested from _____ to _____. **(Enter justification for delay and extension below in Remarks);**

PO Signature Roger Hoogerheide Date 12/08/09

Please return this notification to Danette Quick within 30 calendar days from the above date.

Remarks:



Document Review

IFMS Document: MO
DW96953985

12/14/09

Document Summary: General Ledger Entries
Doc Type: MO
Doc No: DW96953985
Order Date: 06/18/07
Effective Date: 06/18/07
Closed Date:
Servicing Finance Office: AP27
Order Amount: \$283,000.00
Paid Amount: \$260,113.41
Available Amount: \$22,886.59
Vendor Code: MISC **Vendor:** U.S. ARMY CORP OF ENGINEERS

Document Details:

Expand

Line#	Line Amt	Paid Amt	Available Amt	BFY	Fund	Org	Program	Job	BOC	CostOrg	Comments
002	\$30,850.00	\$30,850.00	\$0.00	2007	T	8AL0R	302DD2C	0828FE00	2507	C001	078ALRA030
003	\$24,600.00	\$24,600.00	\$0.00	2007	T	8AL0R	302DD2C	0872FE00	2507	C001	078ALRA030
004	\$30,850.00	\$30,850.00	\$0.00	2007	T	8AL0R	302DD2C	081YFE00	2507	C001	078ALRA030
005	\$30,850.00	\$30,850.00	\$0.00	2007	T	8AL0R	302DD2C	08K5FE00	2507	C001	078ALRA030
006	\$30,850.00	\$30,850.00	\$0.00	2007	T	8AL0R	302DD2C	0865FE00	2507	C001	078ALRA030
007	\$4,150.00	\$4,061.41	✓ \$88.59	2007	T	8AL0R	302DD2C	0828FE00	2507	C001	078ALRA039
008	\$10,400.00	\$10,286.27	✓ \$113.73	2007	T	8AL0R	302DD2C	0872FE00	2507	C001	078ALRA039
009	\$4,150.00	\$3,420.33	✓ \$729.67	2007	T	8AL0R	302DD2C	081YFE00	2507	C001	078ALRA039
010	\$4,150.00	\$2,491.93	✓ \$1,658.07	2007	T	8AL0R	302DD2C	08K5FE00	2507	C001	078ALRA039
011	\$4,150.00	\$1,506.35	✓ \$2,643.65	2007	T	8AL0R	302DD2C	0865FE00	2507	C001	078ALRA039
012	\$35,000.00	\$35,000.00	\$0.00	2008	T	8AL0R	302DD2C	0845FE00	2507	C004	088ALRA007
014	\$25,000.00	\$25,000.00	\$0.00	2008	TR2B	08L	302DD2C	0871FE00	2507	C002	0808LSP070
015	\$30,000.00	\$16,479.77	✓ \$13,520.23	2008	T	8AL0P	302DD2C	0829TA06	2507	C017	088ALPV186
017	\$1,096.46	\$1,096.46	\$0.00	2008	T	8AL0P	302DD2C	0845TA00	2507	C051	088ALPV187

018	\$12,770.89	\$12,770.89	\$0.00	2008	T	8AL0P	302DD2C	0871TA00	2507	C051	088ALPV187
019	\$4,132.65	\$0.00	\$4,132.65	2008	T	8AL0P	302DD2C	08WQWQ00	2507	C051	088ALPV187

Document Activity:

Date	Ref Amount	Related Document	Direction	Date	Ref Amount	Related Document	Date	Ref Amount	Related Document
12/08/09	\$0.00								
10/30/09	\$630.63	PV B0002245072	Forward						
08/07/09	\$1,564.95	PV A9002733824	Forward						
06/23/09	\$894.82	PV A9002862845	Forward						
05/19/09	\$3,947.38	PV A9002813946	Forward						
04/16/09	\$11.82	PV A9002773677	Forward						
02/09/09	\$441.32	PV A9002744837	Forward						
02/09/09	\$11,927.63	PV A9002744813	Forward						
02/06/09	\$14,835.05	PV A9002744493	Forward						
01/15/09	\$84.34	PV A9002737464	Forward						
01/15/09	\$4,272.40	PV A9002737471	Forward						
12/11/08	\$25.99	PV A9002709256	Forward						
11/06/08	\$742.91	PV A9002502307	Forward						
11/06/08	\$263.46	PV A9002502291	Forward						
11/06/08	\$419.79	PV A9002502284	Forward						
11/06/08	\$1,144.96	PV A9002502253	Forward						
11/06/08	\$1,239.88	PV A9002502482	Forward						
11/03/08	\$20.32	PV A9002501676	Forward						
11/03/08	\$6,182.52	PV A9002501669	Forward						
10/21/08	\$6,958.37	PV A9002498426	Forward						
10/21/08	\$8,573.21	PV A9002498419	Forward						
10/21/08	\$936.37	PV A9002498433	Forward						

**MONTANA
SUPERFUND
INTERAGENCY AGREEMENT
ROUTE SLIP**

RECIPIENT: USACE

INTERAGENCY ID#: DW-96-95398501-5

PROJECT: Five Year Reviews

ACTION: Decrease/Close

**ENVIRONMENTAL
PROTECTION AGENCY**

JAN 19 2010

MONTANA OFFICE

**Concurrence
and Date**

1. SF PROJECT MANAGER - Roger Hoogerheide (8MO)	RH 1/6/10
2. MONTANA OFFICE DIRECTOR - Julie DalSoglio (8MO)	gAD 1/6/10
3. GRANTS DIRECTOR - Wayne Anthofer (8TMS-G)	W 1/13
4. GRANTS SPECIALIST - Danette Quick (8MO)	

COMMENTS:



Roger
Hoogerheide /MO/R8/USEPA/
US

12/08/2009 10:32 AM

To Danette Quick/MO/R8/USEPA/US@EPA

cc

bcc

Subject Fw: Decrease WAF's DW96953985-01

Does this make sense to you?

----- Forwarded by Roger Hoogerheide/MO/R8/USEPA/US on 12/08/2009 10:31 AM -----

From: Jeffrey Marsala/CI/USEPA/US
To: marvene.l.seaman@usace.army.mil, Roger Hoogerheide/MO/R8/USEPA/US@EPA
Date: 12/08/2009 09:11 AM
Subject: Decrease WAF's DW96953985-01

Marvene, per our discussion last week relating to all of the Decrease WAF's that Roger sent in for IA DW96953985-01, I am only going to be able to process 2 of them now. I will be processing the following WAF's:

Midvale Slag \$729.11
Eagle Mine \$3,403.54

These funds will be available for use again from the generic account and I will fax you the fully signed copies.

For the following Decrease WAF's, I will not be able to process them now because these were never set up under a generic account and then moved to a site specific account. I will go ahead and sign the forms and send them back to you for your records, but we will deobligate these funds as part of the final closeout amendment. Roger, for these accounts, you will need to have your Grants office include these accounts and decrease amounts on the final decrease amendment to the IA along with the amount for the generic account.

✓ California Gulch	\$13,520.23
✓ Mouat Industries	\$2,643.65
✓ Basin Mining Area	\$1,658.07
✓ Upper Ten Mile	\$729.67
✓ Wasatch Chemical	\$113.73
✓ Lincoln Park	\$88.59

If anyone has any questions, please let me know. Marvene, if this seems different than what we discussed last week, let me know.

Jeffrey J. Marsala
marsala.jeffrey@epa.gov
EPA, Cincinnati Finance Center
Phone 513-487-2056
Fax 513-487-2545



Roger
Hoogerheide /MO/R8/USEPA/
US

11/19/2009 12:17 PM

To "Seaman, Marvene L HNC@NWO"
<Marvene.L.Seaman@usace.army.mil>
cc Karren Johnson/R8/USEPA/US@EPA, Rebecca
Thomas/EPR/R8/USEPA/US@EPA, Lourdes
Deppmeier/R8/USEPA/US@EPA, Danette
bcc

Subject Decrease Site Authorization Forms DW96953985

Marvene,

Hard copies with original signatures went in the mail today to you .



img-Y19130946-0001.pdf

**U.S. EPA Superfund Program
Decrease Site Authorization Form
U.S. Army Corps of Engineers Generic Interagency Agreement**

☒ Close Project and Decrease Remaining Funds

☐ Decrease Excess Funding

Date: 11/19/2009

Issued From: U.S.EPA Region 8

Issued To: U.S. Army Corps of Engineers
Environmental & Munitions CX
Attn: Marvene Seaman (CEHNC-CX-ES)
1616 Capitol Ave., Suite 9200
Omaha, NE 68102-9200

Funding for the U.S. EPA Superfund Program site-specific project listed below is to be decreased as follows:

Site Name: Mouat Industries, MT

Generic IA Number: DW96953985

Assignment Title: (Example: Technical Assistance, Rapid Response for Removal Activities, etc.)

U.S. EPA RPM/OSC Name: Roger Hoogerheide Phone: (406) 457-5031

Total Funding Authorized: \$ 35,000.00

Total Funding Billed (Final Cost) \$ 32,356.35

Balance of Funding to be Decreased: \$ 2,643.65

EPA Accounting Information

DCN	Superfund Account No.	Object Class	Amount
Deobligate From: 078ALRA039 2007 T 8AL0R 302DD2C 0865FE00			2507 (\$2,643.65)
Obligate To:			\$

Roger Hoogerheide
Authorized EPA Region Signature

11/19/2009
Date

Marvene Seaman, USACE EM CX

Date

Jeff Marsala, EPA CFC

Date

**U.S. EPA Superfund Program
Decrease Site Authorization Form
U.S. Army Corps of Engineers Generic Interagency Agreement**

☒ Close Project and Decrease Remaining Funds

☐ Decrease Excess Funding

Date: 11/19/2009

Issued From: U.S. EPA Region 8

Issued To: U.S. Army Corps of Engineers
Environmental & Munitions CX
Attn: Marvene Seaman (CEHNC-CX-ES)
1616 Capitol Ave., Suite 9200
Omaha, NE 68102-9200

Funding for the U.S. EPA Superfund Program site-specific project listed below is to be decreased as follows:

Site Name: Lincoln Park, CO

Generic IA Number: DW96953985

Assignment Title: (Example: Technical Assistance, Rapid Response for Removal Activities, etc.)

U.S. EPA RPM/OSC Name: Roger Hoogerheide Phone: (406) 457-5031

Total Funding Authorized: \$ 35,000.00

Total Funding Billed (Final Cost) \$ 34,911.41

Balance of Funding to be Decreased: \$ 88.59

EPA Accounting Information

DCN	Superfund Account No.	Object Class	Amount
Deobligate From: 078ALRA039 2007 T 8AL0R 302DD2C 0828FE00			2507 (\$88.59)
Obligate To:			\$


Authorized EPA Region Signature

11/19/2009
Date

Marvene Seaman, USACE EM CX

Date

Jeff Marsala, EPA CFC

Date

**U.S. EPA Superfund Program
Decrease Site Authorization Form
U.S. Army Corps of Engineers Generic Interagency Agreement**

☒ Close Project and Decrease Remaining Funds

☐ Decrease Excess Funding

Date: 11/19/2009

Issued From: U.S.EPA Region 8

Issued To: U.S. Army Corps of Engineers
Environmental & Munitions CX
Attn: Marvene Seaman (CEHNC-CX-ES)
1616 Capitol Ave., Suite 9200
Omaha, NE 68102-9200

Funding for the U.S. EPA Superfund Program site-specific project listed below is to be decreased as follows:

Site Name: California Gulch, CO

Generic IA Number: DW96953985

Assignment Title: (Example: Technical Assistance, Rapid Response for Removal Activities, etc.)

U.S. EPA RPM/OSC Name: Roger Hoogerheide Phone: (406) 457-5031

Total Funding Authorized: \$ 30,000.00

Total Funding Billed (Final Cost) \$ 16,479.77

Balance of Funding to be Decreased: \$ 13,520.23

EPA Accounting Information

DCN	Superfund Account No.	Object Class	Amount
Deobligate From: 088ALPV186	2008 T 8AL0P 302DD2C 0829TA06	2507	(\$13,520.23)
Obligate To:			\$


Authorized EPA Region Signature

11/19/2009
Date

Marvene Seaman, USACE EM CX

Date

Jeff Marsala, EPA CFC

Date

**U.S. EPA Superfund Program
Decrease Site Authorization Form
U.S. Army Corps of Engineers Generic Interagency Agreement**

☒ Close Project and Decrease Remaining Funds

☐ Decrease Excess Funding

Date: 11/19/2009

Issued From: U.S.EPA Region 8

Issued To: U.S. Army Corps of Engineers
Environmental & Munitions CX
Attn: Marvene Seaman (CEHNC-CX-ES)
1616 Capitol Ave., Suite 9200
Omaha, NE 68102-9200

Funding for the U.S. EPA Superfund Program site-specific project listed below is to be decreased as follows:

Site Name: Upper Ten Mile, MT

Generic IA Number: DW96953985

Assignment Title: (Example: Technical Assistance, Rapid Response for Removal Activities, etc.)

U.S. EPA RPM/OSC Name: Roger Hoogerheide Phone: (406) 457-5031


Total Funding Authorized: \$ 35,000.00

Total Funding Billed (Final Cost) \$ 34,270.33

Balance of Funding to be Decreased: \$ 729.67

EPA Accounting Information

DCN	Superfund Account No.	Object Class	Amount
Deobligate From: 078ALRA039 2007 T 8AL0R 302DD2C 081YFE00		2507	(\$729.67)
Obligate To:			\$


Authorized EPA Region Signature

11/19/2009
Date

Marvene Seaman, USACE EM CX

Date

Jeff Marsala, EPA CFC

Date

**U.S. EPA Superfund Program
Decrease Site Authorization Form
U.S. Army Corps of Engineers Generic Interagency Agreement**

☒ Close Project and Decrease Remaining Funds

☐ Decrease Excess Funding

Date: 11/19/2009

Issued From: U.S.EPA Region 8

Issued To: U.S. Army Corps of Engineers
Environmental & Munitions CX
Attn: Marvene Seaman (CEHNC-CX-ES)
1616 Capitol Ave., Suite 9200
Omaha, NE 68102-9200

Funding for the U.S. EPA Superfund Program site-specific project listed below is to be decreased as follows:

Site Name: Wasatch Chemical, UT

Generic IA Number: DW96953985

Assignment Title: (Example: Technical Assistance, Rapid Response for Removal Activities, etc.)

U.S. EPA RPM/OSC Name: Roger Hoogerheide Phone: (406) 457-5031

Total Funding Authorized: \$ 35,000.00

Total Funding Billed (Final Cost) \$ 34,886.27

Balance of Funding to be Decreased: \$ 113.73

EPA Accounting Information

DCN	Superfund Account No.	Object Class	Amount
Deobligate From: 078ALRA039	2007 T 8AL0R 302DD2C 0872FE00	2507	(\$113.73)

Obligate To: _____ \$ _____


Authorized EPA Region Signature

11/19/2009
Date

Marvene Seaman, USACE EM CX

Date

Jeff Marsala, EPA CFC

Date

**U.S. EPA Superfund Program
Decrease Site Authorization Form
U.S. Army Corps of Engineers Generic Interagency Agreement**

☒ Close Project and Decrease Remaining Funds

☐ Decrease Excess Funding

Date: 11/19/2009

Issued From: U.S.EPA Region 8

Issued To: U.S. Army Corps of Engineers
Environmental & Munitions CX
Attn: Marvene Seaman (CEHNC-CX-ES)
1616 Capitol Ave., Suite 9200
Omaha, NE 68102-9200

Funding for the U.S. EPA Superfund Program site-specific project listed below is to be decreased as follows:

Site Name: Basin Mining Area

Generic IA Number: DW96953985

Assignment Title: (Example: Technical Assistance, Rapid Response for Removal Activities, etc.)

U.S. EPA RPM/OSC Name: Roger Hoogerheide Phone: (406) 457-5031

Total Funding Authorized: \$ 35,000

Total Funding Billed (Final Cost) \$ 33,341.93

Balance of Funding to be Decreased: \$ 1,658.07

EPA Accounting Information

DCN	Superfund Account No.	Object Class	Amount
Deobligate From: 078ALRA039	2007 T 8AL0R 302DD2C 08K5FE00	2507	(\$1,658.07)
Obligate To:			\$


Authorized EPA Region Signature

11/19/2009
Date

Marvene Seaman, USACE EM CX

Date

Jeff Marsala, EPA CFC

Date

**U.S. EPA Superfund Program
Decrease Site Authorization Form
U.S. Army Corps of Engineers Generic Interagency Agreement**

☒ Close Project and Decrease Remaining Funds

☐ Decrease Excess Funding

Date: 11/19/2009

Issued From: U.S.EPA Region 8

Issued To: U.S. Army Corps of Engineers
Environmental & Munitions CX
Attn: Marvene Seaman (CEHNC-CX-ES)
1616 Capitol Ave., Suite 9200
Omaha, NE 68102-9200

Funding for the U.S. EPA Superfund Program site-specific project listed below is to be decreased as follows:

Site Name: Midvale Slag, UT

Generic IA Number: DW96953985

Assignment Title: (Example: Technical Assistance, Rapid Response for Removal Activities, etc.)

U.S. EPA RPM/OSC Name: Roger Hoogerheide Phone: (406) 457-5031

Total Funding Authorized: \$ 38,500.00

Total Funding Billed (Final Cost) \$ 37,770.89

Balance of Funding to be Decreased: \$ 729.11

EPA Accounting Information

DCN	Superfund Account No.	Object Class	Amount
Deobligate From: 088ALPV187 2008 T 8AL0P 302DD2C 0871TA00			2507 (\$729.11)
Obligate To:			\$


Authorized EPA Region Signature

11/19/2009
Date

Marvene Seaman, USACE EM CX

Date

Jeff Marsala, EPA CFC

Date

**U.S. EPA Superfund Program
Decrease Site Authorization Form
U.S. Army Corps of Engineers Generic Interagency Agreement**

☒ **X** Close Project and Decrease Remaining Funds

☐ Decrease Excess Funding

Date: 11/19/2009

Issued From: U.S.EPA Region 8

Issued To: U.S. Army Corps of Engineers
Environmental & Munitions CX
Attn: Marvene Seaman (CEHNC-CX-ES)
1616 Capitol Ave., Suite 9200
Omaha, NE 68102-9200

Funding for the U.S. EPA Superfund Program site-specific project listed below is to be decreased as follows:

Site Name: Eagle Mine, CO

Generic IA Number: DW96953985

Assignment Title: (Example: Technical Assistance, Rapid Response for Removal Activities, etc.)

U.S. EPA RPM/OSC Name: Roger Hoogerheide Phone: (406) 457-5031

Total Funding Authorized: \$ 39,500.00

Total Funding Billed (Final Cost) \$ 36,096.46

Balance of Funding to be Decreased: \$ 3,403.54

EPA Accounting Information

DCN	Superfund Account No.	Object Class	Amount
Deobligate From: 088ALPV187	2008 T 8AL0P 302DD2C 0845TA00	2507	(\$3,403.54)

Obligate To: _____ \$ _____


Authorized EPA Region Signature

11/19/2009
Date

Marvene Seaman, USACE EM CX

Date

Jeff Marsala, EPA CFC

Date



"Seaman, Marvene L
HNC@NWO"
<Marvene.L.Seaman@usace.
army.mil>

11/18/2009 08:35 AM

To Jeffrey Marsala/CI/USEPA/US@EPA

cc Danette Quick/MO/R8/USEPA/US@EPA, Roger
Hoogerheide/MO/R8/USEPA/US@EPA

bcc

Subject Decrease Site Authorization Form Sample

Sample Decrease Site Authorization form is attached.

-----Original Message-----

From: Marsala.Jeffrey@epamail.epa.gov

[mailto:Marsala.Jeffrey@epamail.epa.gov]

Sent: Wednesday, November 18, 2009 6:28 AM

To: Seaman, Marvene L HNC@NWO

Cc: Quick.Danette@epamail.epa.gov; Hoogerheide.Roger@epamail.epa.gov

Subject: Re: Region 8 Generic IA DW96953985 Work Assignments

Marvene, the current EPA balance is actually \$22,886.59 which agrees with the COE balance. We paid a bill for \$630.63 on 10/29/09 which changed our balance. Our balances by site match what is on the second page of the attached PDF document. Roger, you should be able to go ahead and prepare the Decrease WAF's for all of these sites and send them to Marvene first for signature. Once we close all of the sites, all of the funding will be back in the generic account, and then you can either choose to reuse those funds for other sites or go ahead and then close the agreement.

Marvene, I don't know if Roger has the Decrease WAF form that we use to close these sites, so can you send him a blank copy of one? I do not have a blank copy of this, but I thought you did.

Jeffrey J. Marsala
marsala.jeffrey@epa.gov
EPA, Cincinnati Finance Center
Phone 513-487-2056
Fax 513-487-2545

From: "Seaman, Marvene L HNC@NWO" <Marvene.L.Seaman@usace.army.mil>

To: Jeffrey Marsala/CI/USEPA/US@EPA, Danette
Quick/MO/R8/USEPA/US@EPA, Roger Hoogerheide/MO/R8/USEPA/US@EPA

Date: 11/17/2009 03:56 PM

Subject: Region 8 Generic IA DW96953985 Work Assignments

Jeff - Attached is an e-mail message from Danette Quick (Region 8 Montana Office) noting that EPA would like to close the Generic IA DW96953985 and the individual site-specific work assignments.

Eight site-specific Work Authorization Forms (WAFs) issued from Generic IA DW96953985 first need to have closeout documents issued by Region 8, and I would like to reconcile the USACE amounts with your records. Listings of the amounts funded for each work assignment and the USACE balances available for revocation are also attached.

Since the Generic IA does not expire until 30 June 2012, the amounts revoked for each of the WAFs can be returned to the Generic IA in the USACE accounting system.

(See attached file: Document.pdf)

11/03/2008 09:04 AM

To "Seaman, Marvene L HNC@NWO"
<Marvene.L.Seaman@usace.army.mil>
cc Rebecca Thomas/EPR/R8/USEPA/US@EPA, Danette
Quick/MO/R8/USEPA/US@EPA, John
Wardell/MO/R8/USEPA/US@EPA, Karren

bcc

Subject DW96953985

Marvene,

Once all final deliverables have been received by USEPA and the USACoE has billed USEPA for its services, this IAG can be closed. New guidance adopted by USEPA on 10/01 make it burdensome to have another federal agency provide contractual services to USEPA. Therefore, this IAG will not be amended in FY2009 to add new work and other avenues for funding Five Year Reviews will be explored.

Document Summary: General Ledger Entries

Doc Type: MO

Doc No: DW96953985

Order Date: 06/18/07

Effective Date: 06/18/07

Closed Date:**End Date:****Servicing Finance Office: AP27****Order Amount: \$283,000.00**

Paid Amount: \$211,463.24

Available Amount: \$71,536.76

Vendor Code: MISC Vendor: U.S. ARMY CORP OF ENGINEERS

Document Details: [Expand](#)[illegible]

<u>006</u>	\$30,850.00	\$26,173.83	\$4,676.17	2007	T	8AL 0R	302DD 2C	0865FE 00	2507	C001	078ALR A030
<u>007</u>	\$4,150.00	\$3,641.62	\$508.38	2007	T	8AL 0R	302DD 2C	0828FE 00	2507	C001	078ALR A039
<u>008</u>	\$10,400.00	\$10,022.81	\$377.19	2007	T	8AL 0R	302DD 2C	0872FE 00	2507	C001	078ALR A039
<u>009</u>	\$4,150.00	\$2,567.09	\$1,582.91	2007	T	8AL 0R	302DD 2C	081YF E00	2507	C001	078ALR A039
<u>010</u>	\$4,150.00	\$2,471.61	\$1,678.39	2007	T	8AL 0R	302DD 2C	08K5F E00	2507	C001	078ALR A039
<u>011</u>	\$4,150.00	\$0.00	\$4,150.00	2007	T	8AL 0R	302DD 2C	0865FE 00	2507	C001	078ALR A039
<u>012</u>	\$35,000.00	\$31,382.74	\$3,617.26	2008	T	8AL 0R	302DD 2C	0845FE 00	2507	C004	088ALR A007
<u>014</u>	\$25,000.00	\$1,585.59	\$23,414.41	2008	TR 2B	08L	302DD 2C	0871FE 00	2507	C002	0808LSP 070
<u>015</u>	\$30,000.00	\$16,467.95	\$13,532.05	2008	T	8AL 0P	302DD 2C	0829T A06	2507	C017	088ALPV 186
<u>017</u>	\$4,500.00	\$0.00	\$4,500.00	2008	T	8AL 0P	302DD 2C	0845T A00	2507	C051	088ALPV 187
<u>018</u>	\$13,500.00	\$0.00	\$13,500.00	2008	T	8AL 0P	302DD 2C	0871T A00	2507	C051	088ALPV 187



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8, MONTANA OFFICE
FEDERAL BUILDING, 10 W. 15th STREET, SUITE 3200
HELENA, MONTANA 59626

July 9, 2008

Ref: 8MO

MEMORANDUM

SUBJECT: Transmittal of Interagency Agreement (IAG)

FROM: Danette Quick, Grants Management Specialist
Region VIII, Montana Office

TO: USEPA/CFMC
Attn: Jeff Marsala
Mail Stop 002
Cincinnati, Ohio 45268
FAX: (513) 487-2545

The following IAG's are for your files:

IAG#	NAME OF OTHER AGENCY	TYPE	OBLIG/DEOBLIG
DW-96-95398501-4	USACE	A	\$48,000

TYPES: (N) NEW; (A) INCREASE; (B) DECREASE; (F) NON-MONETARY; (R) REIMBURSEMENT


If you have any questions, please contact Danette Quick at (406)457-5010.

Original to: Danette Quick

Attachment

DW 96953985-1-4

Page 1

 <p>United States Environmental Protection Agency Washington, DC 20460</p> <p>Interagency Agreement</p> <p>Amendment</p> <p>Part 1 - General Information</p>	1. EPA IAG Identification Number DW-96-95398501 - 4	4. Funding Location by Region EPA R8							
	2. Other Agency IAG ID Number	5. Program Office Abbreviation Region 8							
	3. Type of Action Augmentation: Increase								
6. Name and Address of EPA Organization US Environmental Protection Agency Montana Office 10 West 15th Street, Suite 3200 Helena, MT 59626 DUNS: 029128894		7. Name and Address of Other Agency Corps of Engineers-Omaha District E&M Center of Expertise - 1616 Capitol Ave., Suite 9200 Omaha, NE 68102-9200 DUNS: DOD966503							
8. Project Title and Description Interagency Agreement between EPA and USACE Technical assistance to support Superfund Five Year Review activities									
9. EPA Project Officer (Name, Address, Phone Number) Roger Hoogerheide 10 West 15th Street, Suite 3200 Helena, MT 59626 406-457-5031		10. Other Agency Project Officer (Name, Address, Phone Number) Marvene Seaman (CEHNC-CX-ES) 1616 Capitol Ave., Suite 9200 Omaha, NE 68102-9200 402-697-2425							
11. Project Period 06/15/2007 to 06/30/2012		12. Budget Period 06/15/2007 to 06/30/2012							
13. Scope of Work This amendment provides funding in the amount of \$48,000 to provide technical assistance on the Five Year Reviews. See amended Scope of Work. EPA Grants Specialist for this IAG is Danette Quick 406-457-5010									
14. Statutory Authority for Both Transfer of Funds and Project Activities CERCLA: Secs. 105(a)(4) & 115; Executive Order 12580 as amended		15. Other Agency Type Federal Agency							
Funds	Previous Amount	Amount This Action							
16. EPA Amount	\$235,000	\$48,000							
17. EPA In-Kind Amount	\$0	\$0							
18. Other Agency Amount	\$0	\$0							
19. Other Agency In-Kind Amt.	\$0	\$0							
20. Total Project Cost	\$235,000	\$48,000							
21. Fiscal									
Site Name	DCN	FY	Approp.	Budget Org.	PRC	Object	Site/Project	Cost Org.	Obligation
LMDT	LPV186	08	T	8AL0P	302DD2C	2507	0829TA06	C017	30,000
TBD	LPV187	08	T	8AL0P	302DD2C	2507	08WQWQ00	C051	18,000
									48,000

EPA Form 1610-1 (Rev. 10-88). Previous editions are obsolete.

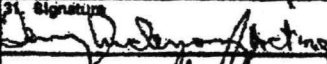

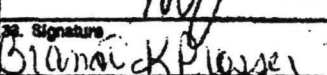
EXM CX Generic IAG

CLSC: B2B

Management Structure Code: 018985

CEPMS WT: B588PK

Part II - Approved Budget		EPA IAG Identification Number DW-96-95398501 - 4
22. Budget Categories	Itemization of This Action	Itemization of Total Project Estimated Cost to Date
(a) Personnel	\$12,657	\$22,767
(b) Fringe Benefits	\$6,330	\$9,330
(c) Travel	\$0	\$0
(d) Equipment	\$0	\$0
(e) Supplies	\$0	\$0
(f) Procurement / Assistance	\$18,000	\$230,000
(g) Construction	\$0	\$0
(h) Other	\$0	\$2,610
(i) Total Direct Charges	\$36,987	\$264,707
(j) Indirect Costs: Rate 87% Base \$12,657.00	\$11,013	\$18,293
(k) Total (EPA Share 100.00 %) (Other Agency Share 0.00 %)	\$48,000	\$283,000
23. Is equipment authorized to be furnished by EPA or leased, purchased, or rented with EPA funds? <input checked="" type="checkbox"/> No (Identify all equipment costing \$1,000 or more)		
24. Are any of these funds being used on extramural agreements? (See Item 22f.) <input checked="" type="checkbox"/> Yes		
Type of Extramural Agreement		<input checked="" type="checkbox"/> Procurement
Contractor/Recipient Name (if known)	Total Extramural Amount Under This Project	Percent Funded by EPA (if known)
Various	230000 Total \$ 230,000.00	100
Part III - Funding Methods and Billing Instructions		
25. (Note: EPA Agency Location Code (ALC) - 68010727)		
<input checked="" type="checkbox"/> Disbursement Agreement	Request for repayment of actual costs must be itemized on SF 1080 and submitted to the Financial Management Office, Cincinnati, OH 45268-7002:	
<input checked="" type="checkbox"/> Repayment	<input checked="" type="checkbox"/> Monthly	
	Only available for use by Federal agencies on working capital fund or with appropriate justification of need for this type of payment method. Unexpended funds at completion of work will be returned to EPA. Quarterly cost reports will be forwarded to the Financial Management Center, EPA, Cincinnati, OH 45268-7002.	
	Used to transfer obligational authority or transfer of function between Federal agencies. Must receive prior approval by the Office of Comptroller, Budget Division, Budget Formulation and Control Branch, EPA Hdqtrs. Forward appropriate reports to the Financial Reports and Analysis Branch, Financial Management Division, PM-226F, EPA, Washington, DC 20460.	
26.		
Funding Agency's Treasury Symbol	68/208145	<input checked="" type="checkbox"/> No-Year
Other Agency's IAG Identification Number	EPA Program Office Allowance Holder/Resp. Center No.	
Other Agency's Billing Address (Include ALC or Station Symbol Number)	Other Agency's Billing Instructions and Frequency	

Part IV - Acceptance Conditions		EPA Identification Number DW-06-06396501-4
27. General Conditions The other agency covenants and agrees that it will expeditiously initiate and complete the project for which funds have been awarded under this agreement.		
28. Special Conditions (Attach additional sheets if needed) 		
Part V - Offer and Acceptance <p>Notes: 1) For Disbursement actions, the agreement/amendment must be signed by the other agency official in duplicate and one original returned to the Grants Administration Division for Headquarters agreements or to the appropriate EPA Regional IAG administration office within 8 calendar weeks after receipt or within any extension of time as may be granted by EPA. The agreement/amendment must be forwarded to the address cited in Item 29 after acceptance/signature.</p> <p>Receipt of a written refusal or failure to return the properly executed document within the prescribed time may result in the withdrawal of offer by EPA. Any change to the agreement/amendment by the other agency subsequent to the document being signed by the EPA Action Official, which the Action Official determines to materially alter the agreement/amendment, shall void the agreement/amendment.</p> <p>2) For Reimbursement actions, the other agency will initiate the action and forward two original agreements/amendments to the appropriate EPA program office for signature. The agreement/amendments will then be forwarded to the appropriate EPA IAG administration office for acceptance signature on behalf of the EPA. One original copy will be returned to the other agency after acceptance.</p>		
EPA IAG Administration Office (for administrative assistance)		EPA Program Office (for technical assistance)
29. Organization/Address US EPA R8 Montana Office 10 West 15th Street, Suite 3200 Helena, MT 59626		30. Organization/Address US Environmental Protection Agency Region 8 10 West 15th Street, Suite 3200 Helena, MT 59626
Certification All signers certify that the statements made on this form and all attachments thereto are true, accurate, and complete. Signers acknowledge that any knowingly false or misleading statements may be punishable by fine or imprisonment or both under applicable law.		
Decision Official on Behalf of the Environmental Protection Agency Program Office:		
31. Signature 	Typed Name and Title Carol Campbell, ARA for Ecosystems Protection and Remediation Action on Behalf of the Environmental Protection Agency	Date 7/7/08
32. Signature 	Typed Name and Title Eugene Anshofer, Director, Grants, Audit and Procurement Program Office Authorizing Official on Behalf of the Other Agency	Date 7/7/08
33. Signature 	Typed Name and Title Brandon K Prosser	Date 8/6/08

**SCOPE OF WORK
FOR TECHNICAL ASSISTANCE
CALIFORNIA GULCH
LEADVILLE MINE DRAINAGE TUNNEL (LMDT)**

Scope of Services

The focus of the USACE technical review is as follows:

1) Review the USBR's " Final Draft Leadville Mine Drainage Tunnel Risk Assessment ", EPA's 2003 Operable Unit 6 Record of Decision, and 2 additional technical documents produced by EPA, "the Mr. Mike Wireman reports." Reviewing the 3 EPA documents will provide the context for the review of USBR's report.

2) The USACE will focus its review on:

- a) Determining if implementing the 2003 ROD remedy - Engineered Plugs and backfilling the tunnel - is still appropriate, based upon the USBR "Final Draft Leadville Mine Drainage Tunnel Risk Assessment"
- b) Identifying any fatal flaws or poor assumptions in the "USBR Final Draft Leadville Mine Drainage Tunnel Risk Assessment "
- c) Determining if there is another, better, model out there to evaluate the risk at the site
- d) Evaluating the USBR's conservative assumptions in the "Final Draft Leadville Mine Drainage Tunnel Risk Assessment" - are they conservative enough?



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8
1595 WYNKOOP STREET
DENVER, COLORADO 80202
<http://www.epa.gov/region8>

Ref: 8MO

JUL -8 2008

Marvene Seaman (CEHNC-CX-ES)
U.S. Army Corps of Engineers
E&M Center of Expertise
1616 Capitol Ave., Suite 9200
Omaha, NE 68102-9200

Re: Interagency Agreement
DW-96-95398501-4

Dear Ms. Seaman:

Enclosed are copies of an amendment to an Interagency Agreement between the U.S. Environmental Protection Agency, Region VIII, Montana Office, and the U.S. Army Corps of Engineers. This amendment provides \$48,000 in funding for technical assistance for the Five Year Reviews.

Please sign and date line 33 on both copies of the enclosed EPA Form 1610-1. Retain the recipient copy for your files, and return the remaining EPA copy of the agreement to:

Danette Quick, Grants Specialist
EPA Region VIII, Montana Office
10 W. 15th Street, Suite 3200
Helena, MT 59626

If you have any questions regarding the administrative requirements, contact Danette Quick at (406)457-5010, via Email at quick.danette@epa.gov. If you have any questions regarding the technical requirements, contact Roger Hoogerheide at (406)457-5031, via Email at hoogerheide.roger@epa.gov.

Sincerely,

Wayne Anthofer, Director
Grants, Audit & Procurement
Program Office

Enclosures



Printed on Recycled Paper

**EPA**United States
Environmental Protection Agency
Washington, DC 20460**COMMITMENT NOTICE**

NOTE: Preparation and approval of this form does not constitute an obligation of money. The use of this form is intended to guarantee the availability of money by reserving it for certain types of specified transactions.

THIS COMMITMENT TRANSACTION IN THE AMOUNT OF **\$18,000.00** IS FOR: DW9695398501

☐ GRANT ☒ INTERAGENCY AGREEMENT ☐ OTHER
☐ COOPERATIVE AGREEMENT ☐ CONTRACT ☐ PURCHASE ORDER (Please provide project number, if known) _____

DESCRIPTION OF PROJECT, GOODS OR SERVICES
Five Year ReivewsNAME OF GRANTEE/CONTRACTOR/VENDOR
U.S. Army Corp of Engineers

EMPLOYER IDENT. NO (EIN)

TASK, ROAF OR OTHER LOCAL IDENTIFIER

SPECIAL COMMENTS OR INSTRUCTIONS

ALLOWANCE HOLDER APPROVALS (Optional, a discretion of Allowance Holder)

ALLOWANCE HOLDER TITLE

RESPONSIBILITY CENTER TITLE

Mandi Rodriguez, FCO

STAFF APPROVALS

SIGNATURE	DATE	PHONE
Russ Leclerc, EPR-SR, Unit A	4/30/08	X 6693
Bill Murray, Director, EPR-SR	4/30/08	X 6693
Lourdes Deppmeier, SF Budget Coordinator	4/30/08	3-312-7040

FUNDS CERTIFICATION

SIGNATURE	PREPARED BY	SIGNATURE	APPROVED BY
Rebecca Thomas, RPM		Carol Campbell, ARA, EPR	
DATE 6/30/08	PHONE 312-6159	DATE 7/1/08	PHONE

For Responsibility Center Use Only

Contractor negotiator is ☐ is not ☐ Authorized to exceed the amount shown above by 10% without securing further approval for funds

THE AMOUNT OF MONEY SHOWN IS:

☒ AN ORIGINAL COMMITMENT ☐ AN INCREASE TO PREVIOUS COMMITMENT ☐ A DECREASE TO PREVIOUS COMMITMENT**Financial and Accounting Data**

Line	DCN	Budget/FYs	Appropriation Code	Budget Org/Code	Program Results Code	Object Class	SFO
1	LDV 184	2008	T	8AL0P	302DD2C	2507	
2							
3							

	Amount	(Dollars)	(Cents)	Site/Project	Cost Org/Code
1	\$18,000.00			08WQWQ00	COSI
2					
3					

ENTERED INTO IFMS

2008

Audit Trail for Commitment Notice

PDF Name:EPA2550-9.pdf

Form Number:EPA2550-9

Document Identifier:EPA2550-9-08178174720-KJ

ACTION: R SCREEN: REQL USERID: PTHI 07/01/08 06:09:58 PM

*** REQUISITION ACCOUNTING LINE INQUIRY TABLE ***

KEY IS TRANS CODE, REQ NO, LINE NO

TRANS CODE: RQ REQ NO: 088ALPV187

01- LINE NO: 001 BFY: 2008 APPR: T RPIO: 08
BUDGET ORG: 8AL0P PE: 302DD2C LINE AMT: 18,000.00
COST ORG: C051 SITE/PROJ: 08WQWQ00 CLOSED AMT: 0.00
BOC: 2507 RPTG CATG: OBLG AMT: 0.00

LAST CHG STATUS: DESCRIPTION: IAG 5-YR REVIEWS KJOHNSON

02- LINE NO: BFY: APPR: RPIO:
BUDGET ORG: PE: LINE AMT:
COST ORG: SITE/PROJ: CLOSED AMT:
BOC: RPTG CATG: OBLG AMT:

LAST CHG STATUS: DESCRIPTION:

03- LINE NO: BFY: APPR: RPIO:
BUDGET ORG: PE: LINE AMT:
COST ORG: SITE/PROJ: CLOSED AMT:
BOC: RPTG CATG: OBLG AMT:

LAST CHG STATUS: DESCRIPTION:

02-*L009 HEADER CHANGE

**EPA**United States
Environmental Protection Agency
Washington, DC 20460**COMMITMENT NOTICE**

NOTE: Preparation and approval of this form does not constitute an obligation of money. The use of this form is intended to guarantee the availability of money by reserving it for certain types of specified transactions.

THIS COMMITMENT TRANSACTION IN THE AMOUNT OF **\$30,000.00** IS FOR: **DW9695398501**

☐ GRANT ☒ INTERAGENCY AGREEMENT ☐ OTHER
☐ COOPERATIVE AGREEMENT ☐ CONTRACT ☐ PURCHASE ORDER (Please provide project number, if known)

DESCRIPTION OF PROJECT, GOODS OR SERVICES
Leadville Mine Drainage Study ReviewNAME OF GRANTEE/CONTRACTOR/VENDOR
U.S. Army Corp of Engineers

EMPLOYER IDENT. NO (EIN)

TASK, ROAF OR OTHER LOCAL IDENTIFIER

SPECIAL COMMENTS OR INSTRUCTIONS

ALLOWANCE HOLDER APPROVALS (Optional, a discretion of Allowance Holder)

ALLOWANCE HOLDER TITLE

RESPONSIBILITY CENTER TITLE

Mandi Rodriguez, FCO

STAFF APPROVALS

SIGNATURE

DATE

PHONE

Bill Murray, Director, EPR-SR

Russ Leclerc for Bill Murray

7/1/08 312-6093

Lourdes Deppmeier, SF Budget Coordinator

7/1/08 3-312-7040

FUNDS CERTIFICATION

PREPARED BY

APPROVED BY

SIGNATURE

SIGNATURE

Russ Leclerc, EPR-SR, Unit A

Carol Campbell, ARA, EPR

DATE

PHONE

DATE

PHONE

7/1/08 312-6157 7/1/08

For Responsibility Center Use Only

Contractor negotiator is ☐ is not ☐ Authorized to exceed the amount shown above by 10% without securing further approval for funds

THE AMOUNT OF MONEY SHOWN IS:

☒ AN ORIGINAL COMMITMENT ☐ AN INCREASE TO PREVIOUS COMMITMENT ☐ A DECREASE TO PREVIOUS COMMITMENT**Financial and Accounting Data**

Line	DCN	Budget/FYs	Appropriation Code	Budget Org/Code	Program Results Code	Object Class	SFO
1	LW186	2008	T	8AL0P	302DD2C	2507	
2							
3							

	Amount	(Dollars)	(Cents)	Site/Project	Cost Org/Code
1	\$30,000.00			0829TA06	C017
2					
3					

Audit Trail for Commitment Notice

PDF Name:EPA2550-9.pdf

Form Number:EPA2550-9

Document Identifier:EPA2550-9-08183102337-KJ

ACTION: R SCREEN: REQL USERID: PTHI 07/01/08 06:11:18 PM

*** REQUISITION ACCOUNTING LINE INQUIRY TABLE ***

KEY IS TRANS CODE, REQ NO, LINE NO

TRANS CODE: RQ REQ NO: 088ALPV186

01- LINE NO: 001 BFY: 2008 APPR: T RPIO: 08
BUDGET ORG: 8AL0P PE: 302DD2C LINE AMT: 30,000.00
COST ORG: C017 SITE/PROJ: 0829TA06 CLOSED AMT: 0.00
BOC: 2507 RPTG CATG: OBLG AMT: 0.00

LAST CHG STATUS: DESCRIPTION: IAG LEADVILLE KJOHNSON

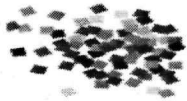
02- LINE NO: BFY: APPR: RPIO:
BUDGET ORG: PE: LINE AMT:
COST ORG: SITE/PROJ: CLOSED AMT:
BOC: RPTG CATG: OBLG AMT:

LAST CHG STATUS: DESCRIPTION:

03- LINE NO: BFY: APPR: RPIO:
BUDGET ORG: PE: LINE AMT:
COST ORG: SITE/PROJ: CLOSED AMT:
BOC: RPTG CATG: OBLG AMT:

LAST CHG STATUS: DESCRIPTION:

02-*L009 HEADER CHANGE



Danette
Quick/MO/R8/USEPA/US
07/02/2008 12:57 PM

To Rebecca Thomas/EPR/R8/USEPA/US@EPA
cc Wayne Anthofer/TMS/R8/USEPA/US@EPA, Roger
Hoogerheide/MO/R8/USEPA/US@EPA, Karren
Johnson/EPR/R8/USEPA/US@EPA
bcc
Subject IAG DW-96-95398501-4

Hi Rebecca--

Attached is Amendment No.4 to the USACE IAG DW-96-95398501 for the additional funding of \$48,000. All that I attached is the cover letter and 2 copies of the IAG for signature with the SOW. Carol Campbell's name is on the document, but I think she has delegated it to Martin for signature. One he has signed, Wayne will need to sign and he can PDF it back to me and I will get it to USACE.



Scan001.PDF

Thanks for your help Rebecca.

Danette Quick
Grants Specialist
EPA, Montana Office
10 West 15th Street, Suite 3200
Helena, MT 59626
PH: (406)457-5010
FAX: (406)457-5055
EMAIL: quick.danette@epa.gov

**US EPA REGION VIII
WORK AUTHORIZATION FORM (WAF)
U.S. ARMY CORPS OF ENGINEERS IAG # DW9695398501**

Date: July 2, 2008

1. SITE NAME: Midvale Slag
2. WAF ASSIGNMENT TITLE: Midvale Slag 5 Year Review
3. WAF ASSIGNMENT # WAF(R8) - _____ 4. REVISION # 0
5. EPA SITE I.D. #: UTD081834277 6. SITE SPILL I.D. # 0871
7. US EPA RPM NAME: Rebecca Thomas 8. PHONE: (303) 312-6552
9. PERIOD OF PERFORMANCE: - FROM: May 1, 2008 TO: September 30, 2008
10. FUNDING:

WAF Assignment Funding	
Previous Funding	\$25,000.00
Current Funding	\$13,500.00
Total Funding	\$38,500.00

11. SCOPE OF WORK: (Use additional sheets when necessary). Where appropriate, include recommendation for preferred USACE field organization to perform assignment. SEE ATTACHED

IAG WORK AUTHORIZATION FORM (WAF)

12. PRIMARY CONTACTS: Rebecca Thomas (303) 312-6552

13. SCHEDULE FOR ASSIGNMENT ACTIVITIES AND DELIVERABLES: (Use additional sheets when necessary)

SEE ATTACHED SCOPE OF WORK (SOW).

14. ACCOUNTING INFORMATION:

ACCOUNTING INFORMATION				
	DCN	SF Account #	Object Class	Amount
Deobligate From	LPV187	08 T 8AL0P 302DD2C 08WQWQ00	2507	\$13,500.00
Obligate To	LPV187	08 T 8AL0P 302DD2C 0871TA00	2507	\$13,500.00

AUTHORIZATION: Authorization is hereby given to USACE to provide technical assistance work as provided for in the IAG and within the scope of work, budget, and schedule as described in this WAF. Sufficient funds are available in the IAG to support this WAF.


 Rebecca Thomas, EPR-SR,

cc:
 Jeff Marsala, EPA Accounting Operations Office, Cincinnati
 Marvene Seaman, USACOE
 Danette Quick, 8MO
 Roger Hoogerheide, 8MO
 Russ Leclerc, 8EPR-SR



"Seaman, Marvene L
HNC@NWO"
<Marvene.L.Seaman@usace.
army.mil>

07/02/2008 12:11 PM

To "Hines, Eric D HNC@NWO"
<Eric.D.Hines@usace.army.mil>, Roger
Hoogerheide/MO/R8/USEPA/US@EPA, Danette
cc

bcc

Subject FW: \$30,000 breakdown

Roger/Danette - For your info. Breakdown as requested for \$30,000 work assignment DW96953985 (California Gulch).

-----Original Message-----

From: Hines, Eric D HNC@NWO
Sent: Wednesday, July 02, 2008 1:09 PM
To: Seaman, Marvene L HNC@NWO
Subject: \$30,000 breakdown

\$12,657	Personnel
\$6,330	Fringe Benefits
\$11,013	Indirect
\$30,000	Total



"Seaman, Marvene L
HNC@NWO"
<Marvene.L.Seaman@usace.
army.mil>

07/02/2008 10:36 AM

To "Pender, Robert M NWK"
<Robert.M.Pender@usace.army.mil>, Karren
Johnson/EPR/R8/USEPA/US@EPA, Russell
cc "Allen, Shelly M NWK" <Shelly.M.Allen@usace.army.mil>,
"Crifasi, Vincenzo A NWK"
<Vincenzo.A.Crifasi@usace.army.mil>, "Hines, Eric D
bcc

Subject RE: SF: 5-yr Review R8 via HDR

Karren/Russ - As we discussed during the conference call yesterday, it was noted that \$18,000 would be added to the Region 8 Generic IAG DW96953985 for two five-year reviews as follows:

Eagle Mine, CO \$ 4,500

Midvale Slag \$13,500

I said during the meeting that I would like to confirm the amounts for Eagle Mine and Midvale Slag with the Kansas City District. Please note the attached message from the Kansas City District regarding the two five-year reviews.

The original \$25,000 WAF for Midvale Slag has been on hold in my office until the funding issues for Midvale Slag were resolved. The contractor requested by Ms. Thomas could not do the review work for the \$25,000 amount. Now that the \$13,500 will be added to the Midvale \$25,000 work assignment, I will forward the Midvale \$25,000 funding to the Kansas City District with the USACE codes needed to set up the project in the USACE accounting system and program management system. As soon as the increase funding work assignments totaling \$18,000 are received, they will also be forwarded to the Kansas City District.

If any additional information is required, please contact me at 402-697-2425.

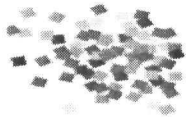
-----Original Message-----

From: Pender, Robert M NWK
Sent: Wednesday, July 02, 2008 10:39 AM
To: Seaman, Marvene L HNC@NWO
Cc: Allen, Shelly M NWK; Crifasi, Vincenzo A NWK
Subject: SF: 5-yr Review R8 via HDR

Marvene,
Eagle Mine: An additional \$4,500 will be sufficient to cover cost on this review - this is on top of what has been provided.

MVS: No funding has been received, \$25,000 has been discussed. The additional \$13.5K on top of the \$25K should be sufficient to cover cost. However, please note, the SOW has not been negotiated with the contractor (HDR) and there is a possibility additional funding maybe required...

Respectfully,
Bob Pender
W: 816.389.3364
C: 816.914.8417




Karren
Johnson/EPR/R8/USEPA/US

07/01/2008 04:49 PM

To Roger Hoogerheide/MO/R8/USEPA/US@EPA

cc Danette Quick/MO/R8/USEPA/US@EPA, John
Wardell/MO/R8/USEPA/US@EPA, Roger
Hoogerheide/MO/R8/USEPA/US@EPA, Russell

bcc

Subject Re: Fw: Leadville Mine Drainage Tunnel Risk Assessment
Findings Show Residents Are Safe - Need USACE support


I just PDF'd the docs to you. Here are the actual file docs if you need to make any corrections. I corrected the POP dates and the primary contact on the LMDT WAF.



LMDT WAF.pdf



0829TA06.doc SO\W LMDT 0829 OU06.doc 0845FE00 rev2.doc

Karren Johnson
Budget Analyst (8EPR-SR)
U.S. EPA Region VIII
1595 Wynkoop Street
Denver, CO 80202-1129
303.312.6159 (office)
303.312.7151 (fax)
johnson.karren@epa.gov (email)
Roger Hoogerheide/R8/USEPA/US

Roger
Hoogerheide/R8/USEPA/US
Sent by: Roger Hoogerheide

07/01/2008 03:10 PM

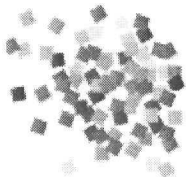
To Russell Leclerc/EPR/R8/USEPA/US@EPA, Karren
Johnson/EPR/R8/USEPA/US@EPA

cc John Wardell/MO/R8/USEPA/US@EPA, Danette
Quick/MO/R8/USEPA/US@EPA

Subject Fw: Leadville Mine Drainage Tunnel Risk Assessment
Findings Show Residents Are Safe - Need USACE support

Danette and I are in thru tomorrow and then out for the rest of the week. I will be in Portland all next week and Danette will be out Monday and Tuesday next week. We have talked and are committed to processing this; however, we will need to receive it in time to process it.

----- Forwarded by Roger Hoogerheide/MO/R8/USEPA/US on 07/01/2008 03:06 PM -----



Danette
Quick/MO/R8/USEPA/US

07/01/2008 08:42 AM

To Roger Hoogerheide/MO/R8/USEPA/US@EPA

cc

Subject Fw: Leadville Mine Drainage Tunnel Risk Assessment
Findings Show Residents Are Safe - Need USACE support



Danette Quick
 Grants Specialist
 EPA, Montana Office
 10 West 15th Street, Suite 3200
 Helena, MT 59626
 PH: (406)457-5010
 FAX: (406)457-5055
 EMAIL: quick.danette@epa.gov

----- Forwarded by Danette Quick/MO/R8/USEPA/US on 07/01/2008 08:42 AM -----



Wayne
 Anthofer/TMS/R8/USEPA/US

07/01/2008 08:31 AM

To Danette Quick/MO/R8/USEPA/US@EPA

cc

Subject Fw: Leadville Mine Drainage Tunnel Risk Assessment
 Findings Show Residents Are Safe - Need USACE support

Wayne

----- Forwarded by Wayne Anthofer/TMS/R8/USEPA/US on 07/01/2008 08:31 AM -----

Russell
 Leclerc/EPR/R8/USEPA/US

07/01/2008 07:19 AM

To Edward Hanlon/DC/USEPA/US@EPA,
 eric.d.hines@usace.army.mil

cc Karren Johnson, Stanley Christensen@EPA, Bill Murray,
 Carol Campbell/R8/USEPA/US@EPA, Charles
 Sands/DC/USEPA/US@EPA, Wayne
 Anthofer/TMS/R8/USEPA/US@EPA

Subject Fw: Leadville Mine Drainage Tunnel Risk Assessment
 Findings Show Residents Are Safe - Need USACE support

Hi Rik and Ed,

Below is the USBR's study that I'd like the USACE to review. For context, you will also need to review the California Gulch OU6 ROD, published on 9/25/03. You can download the ROD on the Superfund webpage, by going to the ROD search engine. There are also a couple of other reports (the Wireman reports) that EPA put together describing the LMDT system. I'll try to get them to you in the next day or so.

I'd like to amend the existing IAG DW-96-95398501-0, the open "Five-Year Review" IAG.

I'm guessing that \$30K will cover the work, I'll get the paperwork started and moving today with karren Johnson's help. The Region has the funding available to conduct this review.

The focus of the review is as follows:

- 1) Review the USBR's "Study", the 2003 OU6 ROD, and 2 additional technical documents produced by EPA, "the Mr. Mike Wireman reports."
- 2) Focus the review and deliverables (draft report due to EPA no later than 7/25/08 and a final comprehensive report due to EPA no later than 8/25/08) on:
 - a) Determining if implementing the 2003 ROD remedy - Engineered Plugs and backfilling the tunnel - is still appropriate.

- b) Identifying any fatal flaws or poor assumptions in the USBR Study
- c) Determining if there is another, better, model out there to evaluate the risk at the site
- d) Evaluating the USBR's conservative assumptions - are they conservative enough?

Please note the initial deliverable date (7/25/08) must be met as the comment period for the Study ends on July 31, 2008.

Thanks,

Russ

----- Forwarded by Russell Leclerc/EPR/R8/USEPA/US on 07/01/2008 06:50 AM -----

Richard
Mylott/R8/USEPA/US
06/30/2008 01:37 PM

To Wendy Chipp/OCP/R8/USEPA/US@EPA, Sonya
Pennock/OCP/R8/USEPA/US@EPA, Jennifer
Lane/OCP/R8/USEPA/US@EPA, Stanley
Christensen/EPR/R8/USEPA/US@EPA, David
Ostrander/EPR/R8/USEPA/US@EPA, Carol
Campbell/R8/USEPA/US@EPA, Martin
Hestmark/R8/USEPA/US@EPA, Hays
Griswold/EPR/R8/USEPA/US@EPA, Russell
Leclerc/EPR/R8/USEPA/US@EPA, Mike
Wireman/EPR/R8/USEPA/US@EPA, Carol
Rushin/R8/USEPA/US@EPA, Bill
Murray/EPR/R8/USEPA/US@EPA

cc

Subject Fw: Leadville Mine Drainage Tunnel Risk Assessment
Findings Show Residents Are Safe

FYI.

----- Forwarded by Richard Mylott/R8/USEPA/US on 06/30/2008 01:34 PM -----



"Peter Soeth"
<psoeth@do.usbr.gov>
06/30/2008 01:00 PM

To Richard Mylott/R8/USEPA/US@EPA
cc

Subject Leadville Mine Drainage Tunnel Risk Assessment Findings
Show Residents Are Safe

News Release

RECLAMATION
Managing Water in the West

Great Plains Region
Billings, MT

Media Contact: Peter Soeth, pssoeth@do.usbr.gov, 303-445-3615 (Office), 303-910-7473 (Cell)

For Immediate Release: June 30, 2008

Leadville Mine Drainage Tunnel Risk Assessment Findings Show Residents Are Safe

The Bureau of Reclamation has completed its risk assessment of the Leadville Mine Drainage Tunnel and the study's findings show that the residents of Leadville and the Village at East Fork are safe.

The scientific, peer-reviewed risk assessment found that it is highly unlikely that a sudden release of water could occur from either blockage in the Leadville Mine Drainage Tunnel or through the engineered bulkheads installed in the tunnel near the portal.

"The most important and welcome news today is that there is no imminent public safety hazard identified by this risk assessment," said Great Plains Regional Director Michael Ryan. "These findings affirm the appropriateness of Reclamation's actions to date and show that no additional emergency actions need to be taken."

The specific findings of the risk assessment are:

- It is highly unlikely that the blockage near and below the Pendery Fault will have a sudden release of water. If something were to happen to this upper blockage, it would occur over a period of weeks and months.
- Even if the upper blockage failed rapidly, a sudden release of water through the lower blockage and engineered bulkheads is also highly unlikely.
In the unlikely event that the upper blockage were to rapidly fail, the water levels in the lower portion of the tunnel would rise and dissipate in the surrounding gravel and rocks. There would likely be seeps, similar to what has been occurring in the area for years, and the monitoring wells near the portal could experience an artesian flow.
- The hillside above and around the Leadville Mine Drainage Tunnel portal area is quite stable, even if water levels in the hillside were to increase significantly.
- The Early Warning System around the Leadville Mine Drainage Tunnel portal will provide adequate advance warning to permit the safe evacuation of the residents of The Village at East Fork and Reclamation's Water Treatment Plant staff.

This risk assessment utilized a similar process that Reclamation uses to assess risk at its dams, a model that is a global standard for conducting risk assessments. This process included a peer review by an independent team of Reclamation experts and an external independent consultant review board.

The independent consultant review board has completed its review of the risk assessment and concurred with its findings. The panel also provided comments on the risk assessment that have been incorporated into the final draft of the document.

The risk assessment team made two recommendations that Reclamation has accepted and will implement. They are:

- Add additional water level monitoring instruments to the current monitoring wells in the lower portion of the Leadville Mine Drainage Tunnel and connect them to the existing Early Warning System to provide additional water level monitoring in the portal area.
- Update the Emergency Action Plan to include the new information learned from the risk assessment and establish clear written directions of actions to be taken. The report should then be finalized and exercised.

"Reclamation will continue to pump and treat water from the new well, its other well and what flows through the portal," said Eastern Colorado Area Manager Michael Collins. "We look forward to continuing to work

with EPA, the State of Colorado, and Lake County on the long-term issues related to the Leadville Mine Drainage Tunnel."

The risk assessment is in final draft form. The public and government agencies are invited to submit technical comments to Reclamation by July 31, 2008. Comments may be submitted to Les Stone, Bureau of Reclamation, Great Plains Regional Office, P.O. Box 36900, Billings, MT 59107-6900 or imdtra@gp.usbr.gov.

Once the comments are received, they will be reviewed, relevant comments incorporated, and the final report released by the end of September, 2008.

The Final Draft Leadville Mine Drainage Tunnel Risk Assessment will be available at the two informational meetings that Reclamation will host in Leadville at the National Mining Hall of Fame and Museum on July 1 at 1 pm and 7 pm. The documents may also be downloaded from the Internet at www.usbr.gov/gp/ecao/leadville/leadville.cfm.

#

Reclamation is the largest wholesale water supplier in the United States, and the nation's second largest producer of hydroelectric power. Its facilities also provide substantial flood control, recreation, and fish and wildlife benefits. Visit our website at <http://www.usbr.gov>.

If you would rather not receive future email messages from Bureau of Reclamation Public Affairs, let us know by clicking [here](#).
Bureau of Reclamation Public Affairs, Peter Soeth, Public Affairs Specialist psoeth@do.usbr.gov, Denver, CO 80225 United States



Executive Summary Risk Assessment.pdf

**US EPA REGION VIII
WORK AUTHORIZATION FORM (WAF)
U.S. ARMY CORPS OF ENGINEERS IAG # DW9695398501**

Date: July 1, 2008

1. SITE NAME: Eagle Mine
2. WAF ASSIGNMENT TITLE: Eagle Mine Five Year Review
3. WAF ASSIGNMENT # WAF(R8) - 6 4. REVISION # 2
5. EPA SITE I.D. #: COD081961518 6. SITE SPILL I.D. # 0845
7. US EPA RPM NAME: Rebecca Thomas 8. PHONE: (303) 312-6552
9. PERIOD OF PERFORMANCE: - FROM: February 1, 2008 TO: September 30, 2008
10. FUNDING:

WAF Assignment Funding	
Previous Funding	\$35,000.00
Current Funding	\$4,500.00
Total Funding	\$39,500.000

11. SCOPE OF WORK: (Use additional sheets when necessary). Where appropriate, include recommendation for preferred USACE field organization to perform assignment.

IAG WORK AUTHORIZATION FORM (WAF)

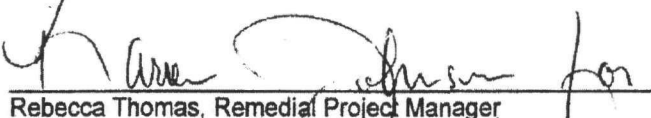
12. PRIMARY CONTACTS: Rebecca Thomas (303) 312-6552

13. SCHEDULE FOR ASSIGNMENT ACTIVITIES AND DELIVERABLES: (Use additional sheets when necessary)

14. ACCOUNTING INFORMATION:

ACCOUNTING INFORMATION				
	DCN	SF Account #	Object Class	Amount
Deobligate From	LPV187	08 T 8AL0P 302DD2C 08WQWQ00	2507	\$4,500.00
Obligate To	LPV187	08 T 8AL0P 302DD2C 0845TA00	2507	\$4,500.00

AUTHORIZATION: Authorization is hereby given to USACE to provide technical assistance work as provided for in the IAG and within the scope of work, budget, and schedule as described in this WAF. Sufficient funds are available in the IAG to support this WAF.


Rebecca Thomas, Remedial Project Manager

cc:

Jeff Marsala, EPA Accounting Operations Office, Cincinnati
Marvene Seaman, USACOE
Danette Quick, 8MO
Roger Hoogerheide, 8MO
Rebecca Thomas, 8EPR-SR

**US EPA REGION VIII
WORK AUTHORIZATION FORM (WAF)
U.S. ARMY CORPS OF ENGINEERS IAG # DW9695398501**

Date: July 1, 2008

1. SITE NAME: California Gulch
2. WAF ASSIGNMENT TITLE: Leadville Mine Drainage Study Review
3. WAF ASSIGNMENT # WAF(R8) - 4. REVISION # 0
5. EPA SITE I.D. #: COD980717938 6. SITE SPILL I.D. # 0829
7. US EPA RPM NAME: Russ Leclerc 8. PHONE: (303) 312-6693
9. PERIOD OF PERFORMANCE: - FROM: July 1, 2008 TO: September 30, 2008
10. FUNDING:

WAF Assignment Funding	
Previous Funding	\$0.00
Current Funding	\$30,000.00
Total Funding	\$30,000.00

11. SCORE OF WORK: (Use additional sheets when necessary). Where appropriate, include recommendation for preferred USACE field organization to perform assignment. SEE ATTACHED

IAG WORK AUTHORIZATION FORM (WAF)

12. PRIMARY CONTACTS: Russ Leclerc (303) 312-6693

13. SCHEDULE FOR ASSIGNMENT ACTIVITIES AND DELIVERABLES: (Use additional sheets when necessary)

SEE ATTACHED SCOPE OF WORK (SOW).

14. ACCOUNTING INFORMATION:

ACCOUNTING INFORMATION				
	DCN	SF Account #	Object Class	Amount
Deobligate From				
Obligate To	LPV186	08 T 8AL0P 302DD2C 0829TA06	2507	\$30,000.00

AUTHORIZATION: Authorization is hereby given to USACE to provide technical assistance work as provided for in the IAG and within the scope of work, budget, and schedule as described in this WAF. Sufficient funds are available in the IAG to support this WAF.


Russ Leclerc, EPR-SR, Unit A Leader

cc:

Jeff Marsala, EPA Accounting Operations Office, Cincinnati

Marvene Seaman, USACOE

Danette Quick, 8MO

Roger Hoogerheide, 8MO

Russ Leclerc, 8EPR-SR

IAG WORK AUTHORIZATION FORM (WAF)

12. PRIMARY CONTACTS: Rebecca Thomas (303) 312-6552

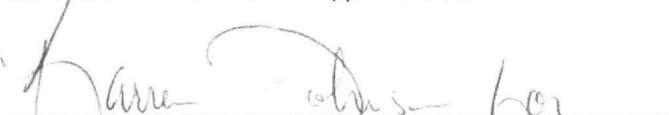
13. SCHEDULE FOR ASSIGNMENT ACTIVITIES AND DELIVERABLES: (Use additional sheets when necessary)

SEE ATTACHED SCOPE OF WORK (SOW).

14. ACCOUNTING INFORMATION:

ACCOUNTING INFORMATION				
	DCN	SF Account #	Object Class	Amount
Deobligate From				
Obligate To	LPV186	08 T 8AL0P 302DD2C 0829TA06	2507	\$30,000.00

AUTHORIZATION: Authorization is hereby given to USACE to provide technical assistance work as provided for in the IAG and within the scope of work, budget, and schedule as described in this WAF. Sufficient funds are available in the IAG to support this WAF.


Russ Leclerc, EPR-SR, Unit A Leader

cc:
Jeff Marsala, EPA Accounting Operations Office, Cincinnati
Marvene Seaman, USACOE
Danette Quick, 8MO
Roger Hoogerheide, 8MO
Russ Leclerc, 8EPR-SR



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

**REGION 8, MONTANA OFFICE
FEDERAL BUILDING, 10 W. 15th STREET, SUITE 3200
HELENA, MONTANA 59626**

June 5, 2008

Ref: 8MO

MEMORANDUM

SUBJECT: Transmittal of Interagency Agreement (IAG)

FROM: Danette Quick, Grants Management Specialist
Region VIII, Montana Office

TO: USEPA/CFMC
Attn: Jeff Marsala
Mail Stop 002
Cincinnati, Ohio 45268
FAX: (513) 487-2545

The following IAG's are for your files:

IAG#	NAME OF OTHER AGENCY	TYPE	OBLIG/DEOBLIG
DW-96-95398501-3	USACE	A	\$25,000

TYPES: (N) NEW; (A) INCREASE; (B) DECREASE; (F) NON-MONETARY; (R) REIMBURSEMENT

If you have any questions, please contact Danette Quick at (406)457-5010.

Original to: Danette Quick

Attachment


JUN 02 2008

EPA COPY

MONTANA OFFICE

Page 1

DW 96953985-01-3

 <p>United States Environmental Protection Agency Washington, DC 20460</p> <p>Interagency Agreement</p> <p>Amendment</p> <p>Part 1 - General Information</p>		<p>1. EPA IAG Identification Number DW-96-95398501 - 3</p> <p>2. Other Agency IAG ID Number</p> <p>3. Type of Action Augmentation: Increase</p>	<p>4. Funding Location by Region EPA R8</p> <p>5. Program Office Abbreviation Region 8</p>						
<p>6. Name and Address of EPA Organization US Environmental Protection Agency Montana Office 10 West 15th Street, Suite 3200 Helena, MT 59626 DUNS: 029128894</p>		<p>7. Name and Address of Other Agency Corps of Engineers-Omaha District 12565 W. Center Road <i>1616 Capitol Ave., Suite 9200</i> Omaha, NE 68144-3869 <i>68102-9200</i> DUNS: DOD966503</p>							
<p>8. Project Title and Description Interagency Agreement between EPA and USACE Technical assistance to support Superfund Five Year Review activities</p>									
<p>9. EPA Project Officer (Name, Address, Phone Number) Roger Hoogerheide 10 West 15th Street, Suite 3200 Helena, MT 59626 406-457-5031</p>		<p>10. Other Agency Project Officer (Name, Address, Phone Number) Marvene Seaman <i>(CEHNC-CX-ES)</i> 12565 W. Center Road <i>1616 Capitol Ave., Suite 9200</i> Omaha, NE 68144-3869 <i>68102-9200</i> 402-697-2425</p>							
<p>11. Project Period 06/15/2007 to 06/30/2012</p>		<p>12. Budget Period 06/15/2007 to 06/30/2012</p>							
<p>13. Scope of Work</p> <p>This amendment provides funding in the amount of \$25,000 to provide technical assistance on the Five Year Review for the Midvale Slag Site in Midvale, Utah <i>pl.</i> See amended Scope of Work.</p> <p>EPA Grants Specialist for this IAG is Danette Quick 406-457-5010</p>									
<p>14. Statutory Authority for Both Transfer of Funds and Project Activities CERCLA: Secs. 105(a)(4) & 115; Executive Order 12580 as amended</p>			<p>15. Other Agency Type Federal Agency</p>						
Funds	Previous Amount	Amount This Action	Amended Total						
16. EPA Amount	\$210,000	\$25,000	\$235,000						
17. EPA In-Kind Amount	\$0	\$0	\$0						
18. Other Agency Amount	\$0	\$0	\$0						
19. Other Agency In-Kind Amt.	\$0	\$0	\$0						
20. Total Project Cost	\$210,000	\$25,000	\$235,000						
21. Fiscal									
Site Name	DCN	FY	Approp.	Budget Org.	PRC	Object	Site/Project	Cost Org.	Obligation
MIDVALE	LSP070	08	TR2B	08L	302DD2C	2507	0871FE00	C002	25,000
									25,000

EPA Form 1610-1 (Rev. 10-88). Previous editions are obsolete.

EPA CX General IAG

Case: B28

Management Structure Code: 018985

CEFMI WI: B588HX

JUN 02 2008

MONTANA OFFICE

EPA IAG Identification No. DW-96-95398501 - 3 Page 2

Part II - Approved Budget		EPA IAG Identification Number DW-96-95398501 - 3
22. Budget Categories	Itemization of This Action	Itemization of Total Project Estimated Cost to Date
(a) Personnel	\$0	\$10,110
(b) Fringe Benefits	\$0	\$3,000
(c) Travel	\$0	\$0
(d) Equipment	\$0	\$0
(e) Supplies	\$0	\$0
(f) Procurement / Assistance	\$25,000	\$212,000
(g) Construction	\$0	\$0
(h) Other	\$0	\$2,610
(i) Total Direct Charges	\$25,000	\$227,720
(j) Indirect Costs: Rate % Base \$	\$0	\$7,280
(k) Total (EPA Share 100.00 %) (Other Agency Share 0.00 %)	\$25,000	\$235,000
23. Is equipment authorized to be furnished by EPA or leased, purchased, or rented with EPA funds? <input checked="" type="checkbox"/> No (Identify all equipment costing \$1,000 or more)		
24. Are any of these funds being used on extramural agreements? (See Item 22f.) <input checked="" type="checkbox"/> Yes		
Type of Extramural Agreement <input checked="" type="checkbox"/> Procurement		
Contractor/Recipient Name (if known)	Total Extramural Amount Under This Project	Percent Funded by EPA (if known)
Various	212000 Total \$ 212,000.00	100
Part III - Funding Methods and Billing Instructions		
25. (Note: EPA Agency Location Code (ALC) - 68010727)		
<input checked="" type="checkbox"/> Disbursement Agreement <input checked="" type="checkbox"/> Repayment	Request for repayment of actual costs must be itemized on SF 1080 and submitted to the Financial Management Office, Cincinnati, OH 45268-7002: <input checked="" type="checkbox"/> Monthly Only available for use by Federal agencies on working capital fund or with appropriate justification of need for this type of payment method. Unexpended funds at completion of work will be returned to EPA. Quarterly cost reports will be forwarded to the Financial Management Center, EPA, Cincinnati, OH 45268-7002. Used to transfer obligational authority or transfer of function between Federal agencies. Must receive prior approval by the Office of Comptroller, Budget Division, Budget Formulation and Control Branch, EPA Hdqtrs. Forward appropriate reports to the Financial Reports and Analysis Branch, Financial Management Division, PM-226F, EPA, Washington, DC 20460.	
26.		
Funding Agency's Treasury Symbol	68/208145	<input checked="" type="checkbox"/> No-Year
Other Agency's IAG Identification Number	EPA Program Office Allowance Holder/Resp. Center No.	
Other Agency's Billing Address (include ALC or Station Symbol Number)	Other Agency's Billing Instructions and Frequency	

Part IV - Acceptance Conditions

EPA Identification Number

DW-96-95398501 - 3

27. General Conditions

The other agency covenants and agrees that it will expeditiously initiate and complete the project for which funds have been awarded under this agreement.

28. Special Conditions (Attach additional sheets if needed)**Part V - Offer and Acceptance**

Note: 1) For Disbursement actions, the agreement/amendment must be signed by the other agency official in duplicate and one original returned to the Grants Administration Division for Headquarters agreements or to the appropriate EPA Regional IAG administration office within 3 calendar weeks after receipt or within any extension of time as may be granted by EPA. The agreement/amendment must be forwarded to the address cited in item 29 after acceptance signature.

Receipt of a written refusal or failure to return the properly executed document within the prescribed time may result in the withdrawal of offer by EPA. Any change to the agreement/amendment by the other agency subsequent to the document being signed by the EPA Action Official, which the Action Official determines to materially alter the agreement/amendment, shall void the agreement/amendment.

2) For Reimbursement actions, the other agency will initiate the action and forward two original agreements/amendments to the appropriate EPA program office for signature. The agreements/amendments will then be forwarded to the appropriate EPA IAG administration office for acceptance signature on behalf of the EPA. One original copy will be returned to the other agency after acceptance.

EPA IAG Administration Office (for administrative assistance)**EPA Program Office (for technical assistance)****29. Organization/Address**

US EPA R8
Montana Office
10 West 15th Street, Suite 3200
Helena, MT 59626

30. Organization/Address

US Environmental Protection Agency
Region 8
10 West 15th Streetm, Suite 3200
Helena, MT 59626

Certification

All signers certify that the statements made on this form and all attachments thereto are true, accurate, and complete. Signers acknowledge that any knowingly false or misleading statements may be punishable by fine or imprisonment or both under applicable law.

Decision Official on Behalf of the Environment Protection Agency Program Office**31. Signature****Typed Name and Title****Date**

Carol Campbell, Acting ARA for Ecosystems Protection and Remediation

5/5/08

Action on Behalf of the Environment Protection Agency**32. Signature****Typed Name and Title****Date**

Wayne Anthofer, Director, Grants, Audit and Procurement Program Office

5/12/08

Authorizing Official on Behalf of the Other Agency**33. Signature****Typed Name and Title****Date**

Brandi K. Prosser, Supr Program Analyst

28 May 08

Interagency Agreement DW-96-95398501-0
Amendment No. 3

Introduction

This amendment modifies the Scope of Work for the Interagency Agreement between the U.S. Environmental Protection Agency (USEPA) and the U.S. Army Corps of Engineers (USCOE) for technical assistance on Five Year Reviews. Specifically, the Scope of Work should be amended to include the Midvale Slag Site in Midvale, Utah.

General Description of Work:

The Contractor will prepare a Five Year Review Report in accordance with the June 2001 Five Year Review guidance, issued by the USEPA. The Midvale Slag Site Five Year Review Report will be closely coordinated with the USEPA, USCOE and the Utah Department of Environmental Quality to assure completeness and accuracy.

The Midvale Slag Site is located approximately twelve miles south of Salt Lake City, Utah in Midvale, Utah. The area is bounded by 6400 South Street on the north, to 7800 on the south, the Jordan River on the west and 700 West on the east side. The Midvale Slag Site is currently being developed for residential and commercial use. The final work on this Site being completed is the installation of the ground water monitoring system for the Site and localized riparian restoration work along the Jordan River corridor.

Five lead and copper smelters operated on the Midvale Slag land between 1871 and 1971. Because of the residual milling and smelter contaminants on these properties, these Sites were placed on the National Priorities List on February 14, 1991. This will be the second Five Year Review for the Midvale Site.

For the 2008 Five Year Review, some additional data and studies may be available for use in reviewing the protectiveness of the remedy.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8
1595 WYNKOOP STREET
DENVER, COLORADO 80202
<http://www.epa.gov/region8>

=====

CONCURRENCE COPY

=====

Ref: 8MO

Marvene Seaman
U.S. Army Corps of Engineers
HTRW CX
12565 West Center Road
Omaha, NE 68144-3869

Re: Interagency Agreement
DW-96-95398501-3

Dear Ms. Seaman:

Enclosed are copies of an amendment to an Interagency Agreement between the U.S. Environmental Protection Agency, Region VIII, Montana Office, and the U.S. Army Corps of Engineers. This amendment provides \$25,000 in funding for technical assistance for the Five Year Review at the Midvale Slag Site in Midvale, Utah. The amended Scope of Work and the Work Authorization Form (WAF) are attached.

Please sign and date line 33 on both copies of the enclosed EPA Form 1610-1. Retain the recipient copy for your files, and return the remaining EPA copy of the agreement to:

Danette Quick, Grants Specialist
EPA Region VIII, Montana Office
10 W. 15th Street, Suite 3200
Helena, MT 59626

If you have any questions regarding the administrative requirements, contact Danette Quick at (406)457-5010, via Email at quick.danette@epa.gov. If you have any questions regarding the technical requirements, contact Roger Hoogerheide at (406)457-5031, via Email at hoogerheide.roger@epa.gov.

Sincerely,

Wayne Anthofer, Director
Grants, Audit & Procurement
Program Office

Enclosures

F:\ 4/30/08:Danette\Documents\lags\USACE 5YrR 985.doc

NO - 1C8MO
4/30/08 GAD 8MO 4/30/08

RH
3MO
4/30/08



Printed on Recycled Paper

**EPA**

United States
Environmental Protection Agency
Washington, DC 20460

COMMITMENT NOTICE

NOTE: Preparation and approval of this form does not constitute an obligation of money. The use of this form is intended to guarantee the availability of money by reserving it for certain types of specified transactions.

THIS COMMITMENT TRANSACTION IN THE AMOUNT OF \$25,000.00 IS FOR: DW9695398501

☐ GRANT ☒ INTERAGENCY AGREEMENT ☐ OTHER
☐ COOPERATIVE AGREEMENT ☐ CONTRACT ☐ PURCHASE ORDER (Please provide project number, if known)

DESCRIPTION OF PROJECT, GOODS OR SERVICES
Five Year Reivew for the Midvale Slag superfund site

NAME OF GRANTEE/CONTRACTOR/VENDOR
U.S. Army Corp of Engineers

EMPLOYER IDENT. NO (EIN)

TASK, ROAF OR OTHER LOCAL IDENTIFIER

SPECIAL COMMENTS OR INSTRUCTIONS

ALLOWANCE HOLDER APPROVALS (Optional, a discretion of Allowance Holder)

ALLOWANCE HOLDER TITLE

RESPONSIBILITY CENTER TITLE

Mandi Rodriguez, FCO

STAFF APPROVALS

SIGNATURE	DATE	PHONE
 Kathie Atencio, Chief, EPR-SR, tor, EPR-SR001 B	4/21/08	303-312-6803
 Bill Murray, Direc	4/22/08	303 312 6401
 Lourdes Deppmeier, SF Budget Coordinator	4/22/08	303-312-7040

FUNDS CERTIFICATION

PREPARED BY		APPROVED BY	
SIGNATURE Erna Waterman, RPM	SIGNATURE Carol Rushin, ARA, EPR		
DATE 303-312-6762 PHONE 4/21/08	DATE 4/24/08 PHONE 303 312 6776		

For Responsibility Center Use Only

Contractor negotiator is ☐ is not ☐ Authorized to exceed the amount shown above by 10% without securing further approval for funds

THE AMOUNT OF MONEY SHOWN IS:

☒ AN ORIGINAL COMMITMENT ☐ AN INCREASE TO PREVIOUS COMMITMENT ☐ A DECREASE TO PREVIOUS COMMITMENT

Financial and Accounting Data

Line	DCN	Budget/FYs	Appropriation Code	Budget Org/Code	Program Results Code	Object Class	SFO
1	LSP010	2008	TR2B	08L	302DD2C	2507	
2							
3							

	Amount	(Dollars)	(Cents)	Site/Project	Cost Org/Code
1		\$25,000	00	0871FE00	C002
2					
3					

Audit Trail for Commitment Notice

PDF Name:EPA2550-9.pdf

Form Number:EPA2550-9

Document Identifier:EPA2550-9-08112104312-KJ

ACTION: R SCREEN: REQL USERID: MIMI 04/25/08 11:44:10 AM

*** REQUISITION ACCOUNTING LINE INQUIRY TABLE ***

KEY IS TRANS CODE, REQ NO, LINE NO

TRANS CODE: RQ REQ NO: 0808LSP070

01- LINE NO: 001	BFY: 2008	APPR: TR2B	RPIO: 08	
BUDGET ORG: 08L		PE: 302DD2C	LINE AMT:	25,000.00
COST ORG: C002		SITE/PROJ: 0871FE00	CLOSED AMT:	0.00
BOC: 2507		RPTG CATG:	OBLG AMT:	0.00
LAST CHG STATUS:		DESCRIPTION: IAG MIDVALE SLAG EWATERMAN		
02- LINE NO:	BFY:	APPR:	RPIO:	
BUDGET ORG:		PE:	LINE AMT:	
COST ORG:		SITE/PROJ:	CLOSED AMT:	
BOC:		RPTG CATG:	OBLG AMT:	
LAST CHG STATUS:		DESCRIPTION:		
03- LINE NO:	BFY:	APPR:	RPIO:	
BUDGET ORG:		PE:	LINE AMT:	
COST ORG:		SITE/PROJ:	CLOSED AMT:	
BOC:		RPTG CATG:	OBLG AMT:	
LAST CHG STATUS:		DESCRIPTION:		

02-*L009 HEADER CHANGE

MONTANA
SUPERFUND
INTERAGENCY AGREEMENT
ROUTE SLIP

RECIPIENT: USACE

INTERAGENCY ID#: DW-96-95398501-3

PROJECT: Five Year Reviews

ACTION: Increase

Concurrence
and Date

1. SF PROJECT MANAGER - Roger Hoogerheide (8MO)	RH 4/30
2. MONTANA OFFICE DIRECTOR - John Wardell (8MO) JW	JAD 4/30/08
3. Acting ARA - Carol Campbell (8EPR)	MH for CCC 5/5/08
4. GRANTS DIRECTOR - Wayne Anthofer (8TMS-G)	W 5/7
5. GRANTS SPECIALIST - Danette Quick (8MO)	

COMMENTS:

ENVIRONMENTAL
PROTECTION AGENCY

MAY 12 2008

MONTANA OFFICE

**Roger
Hoogerheide /R8/USEPA/US**
Sent by: Roger Hoogerheide

04/30/2008 09:34 AM

To "Seaman, Marvene L HNC@NWO"
<Marvene.L.Seaman@usace.army.mil>
cc Rebecca Thomas/EPR/R8/USEPA/US@EPA, Danette
Quick/MO/R8/USEPA/US@EPA, Jeffrey
Marsala/CI/USEPA/US@EPA

bcc

Subject Fw: USACE IAG

Marvene,

Attached electronically, please find a closeout/decrease WAF for IAG # DW9695398501. The WAF is for the 5 year @ the Lincoln Park NPL site that Rebecca Thomas is the RPM. Originals have been put in the mail to you. Please let me know if you will need any other documentation from me in order to process this request.

I also want to let you know that Danette has all the paperwork to initiate a \$25 K increase in this IAG for a 5 year review at the Midvale Slag NPL site. She will process it later this week and get to you soon.



USACE001.PDF

**U.S. EPA Superfund Program
Decrease Site Authorization Form
U.S. Army Corps of Engineers Generic Interagency Agreement**

☒ Close Project and Decrease Remaining Funds

☐ Decrease Excess Funding

Date: April 28, 2008

Issued From: U.S.EPA Region 8

Issued To: U.S. Army Corps of Engineers
Environmental & Munitions CX
Attn: Marvene Seaman (CEHNC-CX-ES)
12565 West Center Road
Omaha, NE 68144-3869

Funding for the U.S. EPA Superfund Program site-specific project listed below is to be decreased as follows:

Site Name: Lincoln Park

IAG Number: DW9695398501

Assignment Title: (Example: Technical Assistance, Rapid Response for Removal Activities, etc.)

U.S. EPA RPM/OSC Name: Rebecca Thomas Phone: 303-312-6552

Total Funding Authorized: \$ 4,150.00

Total Funding Billed (Final Cost) \$ 3,444.12

Balance of Funding to be Decreased: \$ 705.88

EPA Accounting Information

DCN	Superfund Account No.	Object Class	Amount
Deobligate From: LRA039	07 T 8AL0R 302DD2C 0828FE00 C001	2507	\$ <u>705.88</u>
Obligate To: LRA030	07 T 8AL0R 302DD2C 08WQFE00 C001	2507	\$ <u>705.88</u>


Authorized EPA Region Signature

4/28/08
Date

Marvene Seaman, USACE EM CX

Date

Jeff Marsala, EPA CFMC

Date

**US EPA REGION VIII
WORK AUTHORIZATION FORM (WAF)
U.S. ARMY CORPS OF ENGINEERS IAG # DW9695398501**

Date: April 28, 2008

1. SITE NAME: Eagle Mine
2. WAF ASSIGNMENT TITLE: Eagle Mine Five Year Review
3. WAF ASSIGNMENT # WAF(R8) - 6 4. REVISION # 1
5. EPA SITE I.D. #: COD081961518 6. SITE SPILL I.D. # 0845
7. US EPA RPM NAME: Rebecca Thomas 8. PHONE: (303) 312-6552
9. PERIOD OF PERFORMANCE: - FROM: February 1, 2008 TO: September 30, 2008
10. FUNDING:

WAF Assignment Funding	
Previous Funding	\$35,000.00
Current Funding	\$705.88
Total Funding	\$35,705.88

11. SCOPE OF WORK: (Use additional sheets when necessary). Where appropriate, include recommendation for preferred USACE field organization to perform assignment.

IAG WORK AUTHORIZATION FORM (WAF)


12. PRIMARY CONTACTS: Rebecca Thomas (303) 312-6552

13. SCHEDULE FOR ASSIGNMENT ACTIVITIES AND DELIVERABLES: (Use additional sheets when necessary)

14. ACCOUNTING INFORMATION:

ACCOUNTING INFORMATION				
	DCN	SF Account #	Object Class	Amount
Deobligate From	LRA030	07 T 8AL0R 302DD2C 08WQFE00	2507	\$705.88
Obligate To	LRA030	07 T 8AL0R 302DD2C 0845FE00	2507	\$705.88

AUTHORIZATION: Authorization is hereby given to USACE to provide technical assistance work as provided for in the IAG and within the scope of work, budget, and schedule as described in this WAF. Sufficient funds are available in the IAG to support this WAF.

 4/28/08
 Rebecca Thomas, Remedial Project Manager

cc:
 Jeff Marsala, EPA Accounting Operations Office, Cincinnati
 Marvene Seaman, USACOE
 Danette Quick, 8MO
 Roger Hoogerheide, 8MO
 Rebecca Thomas, 8EPR-SR

**US EPA REGION VIII
WORK AUTHORIZATION FORM (WAF)
U.S. ARMY CORPS OF ENGINEERS IAG # DW9695398501**

Date: April 28, 2008

1. SITE NAME: Midvale Slag
2. WAF ASSIGNMENT TITLE: Midvale Slag Five Year Review
3. WAF ASSIGNMENT # WAF(R8) - _____ 4. REVISION # 0
5. EPA SITE I.D. #: UTD081834277 6. SITE SPILL I.D. # 0871
7. US EPA RPM NAME: Rebecca Thomas 8. PHONE: (303) 312-6552
9. PERIOD OF PERFORMANCE: - FROM: May 1, 2008 TO: September 30, 2008
10. FUNDING:

WAF Assignment Funding	
Previous Funding	\$0.00
Current Funding	\$25,000.00
Total Funding	\$25,000.00

11. SCOPE OF WORK: (Use additional sheets when necessary). Where appropriate, include recommendation for preferred USACE field organization to perform assignment.

IAG WORK AUTHORIZATION FORM (WAF)

12. PRIMARY CONTACTS: Rebecca Thomas (303) 312-6552

13. SCHEDULE FOR ASSIGNMENT ACTIVITIES AND DELIVERABLES: (Use additional sheets when necessary)

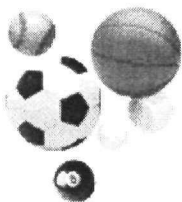
14. ACCOUNTING INFORMATION:

ACCOUNTING INFORMATION				
	DCN	SF Account #	Object Class	Amount
Deobligate From				
Obligate To	LSP070	08 TR2B 08L 302DD2C 0871FE00	2507	\$25,000.00

AUTHORIZATION: Authorization is hereby given to USACE to provide technical assistance work as provided for in the IAG and within the scope of work, budget, and schedule as described in this WAF. Sufficient funds are available in the IAG to support this WAF.


Rebecca Thomas, Remedial Project Manager

cc:
Jeff Marsala, EPA Accounting Operations Office, Cincinnati
Marvene Seaman, USACOE
Danette Quick, 8MO
Roger Hoogerheide, 8MO
Rebecca Thomas, 8EPR-SR
Erna Waterman, EPR-SR



Jeffrey
Marsala/CI/USEPA/US

02/13/2008 09:21 AM

To "Seaman, Marvene L HNC@NWO"
<Marvene.L.Seaman@usace.army.mil>
cc Danette Quick/MO/R8/USEPA/US@EPA, Rebecca
Thomas/EPR/R8/USEPA/US@EPA, Roger
Hoogerheide/MO/R8/USEPA/US@EPA, "Allen, Shelly M
bcc

Subject Re: Eagle Mine, CO Work Assignment

Roger, you added the funds site specifically on the IAG amendment, but the COE does not recognize this. Once you set up an agreement as a generic bulk funded agreement, the COE will not set up the site accounts in their system until you process a WAF. They would have no way of knowing our account number structure to be able to look at the funding on an amendment and know which site it goes to and that is why you need to use the WAF's. In our system, I set up the funds site specifically when they come in on the amendment because that is how you committed the funds, so when I receive the WAF, it would just be for informational purposes only, but it still does need to be done.

Jeffrey J. Marsala
marsala.jeffrey@epa.gov
EPA, Cincinnati Finance Center
Phone 513-487-2056
Fax 513-487-2545

"Seaman, Marvene L HNC@NWO" <Marvene.L.Seaman@usace.army.mil>



"Seaman, Marvene L
HNC@NWO"
<Marvene.L.Seaman@usace.
army.mil>

02/13/2008 10:55 AM

To Roger Hoogerheide/MO/R8/USEPA/US@EPA, Danette
Quick/MO/R8/USEPA/US@EPA, Rebecca
Thomas/EPR/R8/USEPA/US@EPA, Jeffrey
Marsala/CI/USEPA/US@EPA
cc "Allen, Shelly M NWK" <Shelly.M.Allen@usace.army.mil>,
"Crifasi, Vincenzo A NWK"
<Vincenzo.A.Crifasi@usace.army.mil>
Subject Eagle Mine, CO Work Assignment

Roger - USACE needs a new work authorization form (WAF) to be issued for the Eagle Mine, CO five-year review that is being requested by Rebecca Thomas. The Generic IAG DW96953985-01-2 was amended to increase funding by \$35,000 which has been accepted by USACE. The next step is for Region 8 to issue a signed site-specific WAF identified for Eagle Mine so USACE can begin work on the project.

The WAF process is the same as what was done in the past for the other five-year reviews issued from the Generic IAG DW96953985 for Mouat Industries, Basin Mining, Upper Ten Mile Creek, Wasatch, and Lincoln Park.

Please fax a copy of the WAF for Eagle Mine to my office at 402-697-2613 or a copy can be e-mailed to the following:

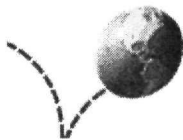
marvene.l.seaman@usace.army.mil

Rebecca Thomas has been in contact with the Kansas City District and wants a contract awarded as soon

as possible for the Eagle Mine project, but funds are not available to USACE for Eagle Mine until the WAF is issued.

Rebecca - I left a voice mail message with Roger Hoogerheide, but he is out of the office this week. In the meantime, you may want to contact Jeff Marsala at the EPA Cincinnati Finance Center at 513-487-2056. Jeff can better explain to you the site-specific WAF process and the EPA accounting codes that are involved.

Thanks!



Rebecca
Thomas/EPR/R8/USEPA/US
01/30/2008 09:49 AM

To "Crifasi, Vincenzo A NWK"
<Vincenzo.A.Crifasi@usace.army.mil>, Danette
Quick/MO/R8/USEPA/US@EPA
cc Michael Holmes@EPA

bcc

Subject IAG DW-96-95398501- 5 Year Reviews: Eagle Mine Scope



I've attached the statement of work for the Eagle Mine Five Year Review. Please let me know if you need anything else. Thanks!



Five Year SOW.doc

U.S. EPA, Region 8
Rebecca Thomas (EPR-SR)
1595 Wynkoop
Denver, Colorado 80202-1129
(303) 312-6552

Interagency Agreement DW-96-95398501-0
Amendment No. 1

Introduction

This amendment modifies the Scope of Work for the Interagency Agreement between the U.S. Environmental Protection Agency (USEPA) and the U.S. Army Corps of Engineers (USCOE) for technical assistance on Five Year Reviews. Specifically, the Scope of Work should be amended to include the Eagle Mine Site in Eagle, Colorado.

General Description of Work:

The Contractor will prepare a Five Year Review Report in accordance with the June 2001 Five Year Review guidance, issued by the USEPA. Each report will be closely coordinated with the USEPA and the USCOE to assure completeness and accuracy.

- Eagle Mine, Colorado

The Eagle Mine site consists of the Eagle Mine and associated mining wastes between Gilman and Minturn, in Eagle County, Colorado. The mine is located approximately eight miles southwest of Vail and one hundred miles west of Denver. The 235-acre site includes the Eagle Mine workings, the town of Gilman, eight former mine tailings piles, Rock Creek Canyon below Highway 24, and at least 14 waste rock piles.

Mining began in the Gilman area in the late 1870's with the discovery of gold and silver deposits. By the mid-1980s, production from these mines declined, but picked up in 1905 with the mining of lead and zinc deposits. Four roasting and magnetic separation plants were constructed, and the roaster process continued until 1919. An underground mill operated from 1919 to 1979. Copper-silver production continued until 1984 when the mine workings were allowed to flood. The Site was placed on the National Priorities List in June 1986.

Five Year Reviews have been conducted for the Eagle Mine Site in 2000 and 2005. This will be the third Five Year Review for the Site. Water Quality Standards for segments of the Eagle River associated with the Site have not been finalized. The recovery of the Eagle River that has resulted from remedy implementation has only been measured qualitatively since appropriate performance standards for the Eagle River were not defined in the two Consent Decrees currently in place. The State and EPA continue to pursue the establishment of appropriate surface water quality standards through the Colorado Water Quality Control Commission (WQCC). The new standards will become the performance standards for the Eagle River and will be incorporated into a new Consent Decree. The protectiveness of the remedy with respect to aquatic life cannot be addressed until appropriate water quality standards have been established by the WQCC.

For the 2008 Five Year Review, additional surface water and biological data are available for use in reviewing the protectiveness of the remedy.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8, MONTANA OFFICE
FEDERAL BUILDING, 10 W. 15th STREET, SUITE 3200
HELENA, MONTANA 59626

January 25, 2008

Ref: 8MO

MEMORANDUM

SUBJECT: Transmittal of Interagency Agreement (IAG)

FROM: Danette Quick, Grants Management Specialist
Region VIII, Montana Office 

TO: USEPA/CFMC
Attn: Jeff Marsala
Mail Stop 002
Cincinnati, Ohio 45268

The following IAG's are for your files:

IAG#	NAME OF OTHER AGENCY	TYPE	OBLIG/DEOBLIG
DW-96-95398501-2	USACE	A	\$35,000

TYPES: (N) NEW; (A) INCREASE; (B) DECREASE; (F) NON-MONETARY; (R) REIMBURSEMENT

If you have any questions, please contact Danette Quick at (406)457-5010.

Original to: Danette Quick

Attachment

cc:



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8, MONTANA OFFICE
FEDERAL BUILDING, 10 W. 15th STREET, SUITE 3200
HELENA, MONTANA 59626

FACSIMILE TRANSMITTAL

TO:

Name: Jeff Marsala
Organization: USEPA/CFMC
Phone:
FAX: (513) 487-2545

FROM:

Name: Danette Quick
Phone: (406) 457-5010
FAX: (406) 457-5055

COMMENTS:

IAG DW-96-95398501-2

This FAX consists of 6 page(s)
including the cover sheet


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DW96953985-01-2

Page 1

 <p>United States Environmental Protection Agency Washington, DC 20460</p> <p>Interagency Agreement</p> <p>Amendment</p> <p>Part 1 - General Information</p>		1. EPA IAG Identification Number DW-96-95398501 - 2		4. Funding Location by Region EPA R8					
		2. Other Agency IAG ID Number		5. Program Office Abbreviation Region 8					
		3. Type of Action Augmentation: Increase							
6. Name and Address of EPA Organization US Environmental Protection Agency Montana Office 10 West 15th Street, Suite 3200 Helena, MT 59626 DUNS: 029128894			7. Name and Address of Other Agency Corps of Engineers-Omaha District 12565 W. Center Road Omaha, NE 68144-3869 DUNS: DOD966503						
8. Project Title and Description Interagency Agreement between EPA and USACE Technical assistance to support Superfund Five Year Review activities									
9. EPA Project Officer (Name, Address, Phone Number) Roger Hoogerheide 10 West 15th Street, Suite 3200 Helena, MT 59626 406-457-5031			10. Other Agency Project Officer (Name, Address, Phone Number) Marvene Seaman 12565 W. Center Road Omaha, NE 68144-3869 402-697-2425						
11. Project Period 06/15/2007 to 06/30/2012			12. Budget Period 06/15/2007 to 06/30/2012						
13. Scope of Work This amendment provides additional funding in the amount of \$35,000 to continue the tasks in the amended Scope of Work. EPA Grants Specialist for this IAG is Danette Quick 406-457-5010									
14. Statutory Authority for Both Transfer of Funds and Project Activities CERCLA: Secs. 105(a)(4) & 115				15. Other Agency Type Federal Agency					
Funds	Previous Amount	Amount This Action		Amended Total					
16. EPA Amount	\$175,000	\$35,000		\$210,000					
17. EPA In-Kind Amount	\$0	\$0		\$0					
18. Other Agency Amount	\$0	\$0		\$0					
19. Other Agency In-Kind Amt.	\$0	\$0		\$0					
20. Total Project Cost	\$175,000	\$35,000		\$210,000					
21. Fiscal									
Site Name	DCN	FY	Approp.	Budget Org.	PRC	Object	Site/Project	Cost Org.	Obligation
EAGLE MINE	LRA007	08	T	8ALOR	302DD2C	2507	0845FE00	C004	35,000
									35,000

EPA Form 1610-1 (Rev. 10-88). Previous editions are obsolete.

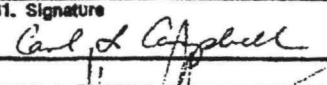
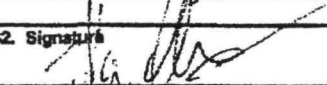
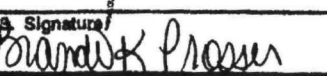
ERM CX Generic IAG

CLSC: B20

Management Structure Code: 018985

CEFM WI: B588HK

Part II - Approved Budget		EPA IAG Identification Number DW-96-95398501 - 2
22. Budget Categories	Itemization of This Action	Itemization of Total Project Estimated Cost to Date
(a) Personnel	\$0	\$10,110
(b) Fringe Benefits	\$0	\$3,000
(c) Travel	\$0	\$0
(d) Equipment	\$0	\$0
(e) Supplies	\$0	\$0
(f) Procurement / Assistance	\$35,000	\$187,000
(g) Construction	\$0	\$0
(h) Other	\$0	\$2,610
(i) Total Direct Charges	\$35,000	\$202,720
(j) Indirect Costs: Rate % Base \$	\$0	\$7,280
(k) Total (EPA Share 100.00 %) (Other Agency Share 0.00 %)	\$35,000	\$210,000
23. Is equipment authorized to be furnished by EPA or leased, purchased, or rented with EPA funds? <input checked="" type="checkbox"/> No (Identify all equipment costing \$1,000 or more)		
24. Are any of these funds being used on extramural agreements? (See Item 22f.) <input checked="" type="checkbox"/> Yes		
Type of Extramural Agreement		<input checked="" type="checkbox"/> Procurement
Contractor/Recipient Name (If known)	Total Extramural Amount Under This Project	Percent Funded by EPA (If known)
Various	187000 Total \$ 187,000.00	100
Part III - Funding Methods and Billing Instructions		
25. (Note: EPA Agency Location Code (ALC) - 68010727)		
<input checked="" type="checkbox"/> Disbursement Agreement <input checked="" type="checkbox"/> Repayment	Request for repayment of actual costs must be itemized on SF 1080 and submitted to the Financial Management Office, Cincinnati, OH 45268-7002: <input checked="" type="checkbox"/> Monthly Only available for use by Federal agencies on working capital fund or with appropriate justification of need for this type of payment method. Unexpended funds at completion of work will be returned to EPA. Quarterly cost reports will be forwarded to the Financial Management Center, EPA, Cincinnati, OH 45268-7002. Used to transfer obligational authority or transfer of function between Federal agencies. Must receive prior approval by the Office of Comptroller, Budget Division, Budget Formulation and Control Branch, EPA Hdqtrs. Forward appropriate reports to the Financial Reports and Analysis Branch, Financial Management Division, PM-226F, EPA, Washington, DC 20460.	
26.		
Funding Agency's Treasury Symbol 68/208145		<input checked="" type="checkbox"/> No-Year
Other Agency's IAG Identification Number		EPA Program Office Allowance Holder/Resp. Center No.
Other Agency's Billing Address (Include ALC or Station Symbol Number)		Other Agency's Billing Instructions and Frequency

Part IV - Acceptance Conditions		EPA Identification Number DW-96-95398501 - 2
27. General Conditions The other agency covenants and agrees that it will expeditiously initiate and complete the project for which funds have been awarded under this agreement.		
28. Special Conditions (Attach additional sheets if needed) 		
Part V - Offer and Acceptance		
<p>Note: 1) For Disbursement actions, the agreement/amendment must be signed by the other agency official in duplicate and one original returned to the Grants Administration Division for Headquarters agreements or to the appropriate EPA Regional IAG administration office within 3 calendar weeks after receipt or within any extension of time as may be granted by EPA. The agreement/amendment must be forwarded to the address cited in item 29 after acceptance signature.</p> <p>Receipt of a written refusal or failure to return the properly executed document within the prescribed time may result in the withdrawal of offer by EPA. Any change to the agreement/amendment by the other agency subsequent to the document being signed by the EPA Action Official, which the Action Official determines to materially alter the agreement/amendment, shall void the agreement/amendment.</p> <p>2) For Reimbursement actions, the other agency will initiate the action and forward two original agreements/amendments to the appropriate EPA program office for signature. The agreements/amendments will then be forwarded to the appropriate EPA IAG administration office for acceptance signature on behalf of the EPA. One original copy will be returned to the other agency after acceptance.</p>		
EPA IAG Administration Office (for administrative assistance)		EPA Program Office (for technical assistance)
29. Organization/Address US EPA R8 Montana Office 10 West 15th Street, Suite 3200 Helena, MT 59626		30. Organization/Address US Environmental Protection Agency Region 8 10 West 15th Street, Suite 3200 Helena, MT 59626
Certification All signers certify that the statements made on this form and all attachments thereto are true, accurate, and complete. Signers acknowledge that any knowingly false or misleading statements may be punishable by fine or imprisonment or both under applicable law.		
Decision Official on Behalf of the Environment Protection Agency Program Office		
31. Signature 	Typed Name and Title Carol Rushin, Assistant Regional Administrator Action on Behalf of the Environment Protection Agency	Date 1/3/08
32. Signature 	Typed Name and Title Wayne Anthofer, Director Authorizing Official on Behalf of the Other Agency	Date 1/16/08
33. Signature 	Typed Name and Title Brandi K. Prosser, Sr. Program Analyst	Date 1/23/08

Interagency Agreement DW-96-95398501-0
Amendment No. 2

Introduction

This amendment modifies the Scope of Work for the Interagency Agreement between the U.S. Environmental Protection Agency (USEPA) and the U.S. Army Corps of Engineers (USCOE) for technical assistance on Five Year Reviews. Specifically, the Scope of Work should be amended to include the Eagle Mine Site in Eagle, Colorado.

General Description of Work:

The Contractor will prepare a Five Year Review Report in accordance with the June 2001 Five Year Review guidance, issued by the USEPA. Each report will be closely coordinated with the USEPA and the USCOE to assure completeness and accuracy.

- Eagle Mine, Colorado

The Eagle Mine site consists of the Eagle Mine and associated mining wastes between Gilman and Minturn, in Eagle County, Colorado. The mine is located approximately eight miles southwest of Vail and one hundred miles west of Denver. The 235-acre site includes the Eagle Mine workings, the town of Gilman, eight former mine tailings piles, Rock Creek Canyon below Highway 24, and at least 14 waste rock piles.

Mining began in the Gilman area in the late 1870's with the discovery of gold and silver deposits. By the mid-1980s, production from these mines declined, but picked up in 1905 with the mining of lead and zinc deposits. Four roasting and magnetic separation plants were constructed, and the roaster process continued until 1919. An underground mill operated from 1919 to 1979. Copper-silver production continued until 1984 when the mine workings were allowed to flood. The Site was placed on the National Priorities List in June 1986.

Five Year Reviews have been conducted for the Eagle Mine Site in 2000 and 2005. This will be the third Five Year Review for the Site. Water Quality Standards for segments of the Eagle River associated with the Site have not been finalized. The recovery of the Eagle River that has resulted from remedy implementation has only been measured qualitatively since appropriate performance standards for the Eagle River were not defined in the two Consent Decrees currently in place. The State and EPA continue to pursue the establishment of appropriate surface water quality standards through the Colorado Water Quality Control Commission (WQCC). The new standards will become the performance standards for the Eagle River and will be incorporated into a new Consent Decree. The protectiveness of the remedy with respect to aquatic life cannot be addressed until appropriate water quality standards have been established by the WQCC.

For the 2008 Five Year Review, additional surface water and biological data are available for use in reviewing the protectiveness of the remedy.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8
1595 WYNKOOP STREET
DENVER, COLORADO 80202
<http://www.epa.gov/region8>

=====

CONCURRENCE COPY

=====

Ref: 8MO

Marvene Seaman
U.S. Army Corps of Engineers
HTRW CX
12565 West Center Road
Omaha, NE 68144-3869

Re: Interagency Agreement
DW-96-95398501-2

Dear Ms. Seaman:

Enclosed are copies of an amendment to an Interagency Agreement between the U.S. Environmental Protection Agency, Region VIII, Montana Office, and the U.S. Army Corps of Engineers. This amendment provides \$35,000 in additional funding for technical assistance to support Superfund five year review activities.

Please sign and date line 33 on both copies of the enclosed EPA Form 1610-1. Retain the recipient copy for your files, and return the remaining EPA copy of the agreement to:

Danette Quick, Grants Specialist
EPA Region VIII, Montana Office
10 W. 15th Street, Suite 3200
Helena, MT 59626

If you have any questions regarding the administrative requirements, contact Danette Quick at (406)457-5010, via Email at quick.danette@epa.gov. If you have any questions regarding the technical requirements, contact Roger Hoogerheide at (406)457-5031, via Email at hoogerheide.roger@epa.gov.

Sincerely,

Wayne Anthofer, Director
Grants, Audit & Procurement
Program Office

Enclosures

F:\ 12/19/07:Danette\Documents\lags\USACE 5YrR 985.doc

DS k 8MO
12/19/07

RH 8MO
12/19/07

12/19/07



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United States
Environmental Protection Agency
Region VIII

ENVIRONMENTAL
PROTECTION AGENCY

DEC 18 2007

COMMITMENT/AWARD CERTIFICATION

MONTANA OFFICE ASSISTANCE/AG NUMBER

1 APPLICANT NAME
U.S. Army Corps of Engineers

2 DW-96-95398501-2
(IF ASSIGNED)

3 EPA COMMITMENT AMOUNT \$ 35,000

PROJECT/BUDGET PERIOD

START

END

06/15/07

06/30/12

4 CARRY OVER AMOUNT \$ ADD-ON TO ALLOCATION AMOUNT ☐ PART OF ALLOCATION AMOUNT ☐

5 IAG ☒ GRANT/COOPERATIVE AGREEMENT ☐ PPG (see attached) ☐

TYPE OF ACTION: NEW ☐ CONTINUATION ☐ AMENDMENT/INCREASE ☒

DELEGATION OF AUTHORITY NUMBER 1-11 CFDA NUMBER

6 PROJECT DESCRIPTION: Support statutory and policy 5 year reviews

7 STATUTORY AUTHORITY: CERCLA Section 105(A)(4) and Section 115 read together with
Executive Order 12580

8 GRANTS ONLY: NON-COMPETITIVE JUSTIFICATION

9 JUSTIFICATION FOR GRANT OR IAG
See Decision Memorandum

10 REPORTING REQUIREMENTS:
QUARTERLY ☒ ANNUALLY ☐ FINAL ☐ Programmatic Terms
and Conditions Attached? YES ☐ NO ☐

11 EPA P.O. SIGNATURE: *Pym Hoogedyn* DATE: 12/11/07

12 PROGRAM FUNDS APPROVED: DATE:

FINANCIAL AND ACCOUNTING DATA

DCN	BUDGET FY	APPROP. CODE	BUDGET ORG/CODE	PROGRAM RESULTS CODE	OBJECT CLASS	Amount (dollars)	SITE/PROJECT	Cost Org/Code
1 LRA 007	08	T	8AL0R	302DD2C	25.07	\$ 35,000.00	0845FE00	C004
2								
3								

14 *Monica-Rod* *mp* *2007* *12/13/07*
FUNDS CERTIFYING OFFICER SIGNATURE: (AO) DATE:

DECISION OFFICIAL (or designee)

15 SIGNATURE: (ARA) *Carol Campbell* DATE: 12/13/07

ACTION: R SCREEN: REQL USERID: MIMI

12/13/07

10:08:54 AM

*** REQUISITION ACCOUNTING LINE INQUIRY TABLE ***

KEY IS TRANS CODE, REQ NO, LINE NO

TRANS CODE: RQ

REQ NO: 088ALRA007

01- LINE NO: 001	BFY: 2008	APPR: T	RPIO: 08	
BUDGET ORG: 8AL0R		PE: 302DD2C	LINE AMT:	35,000.00
COST ORG: C004		SITE/PROJ: 0845FE00	CLOSED AMT:	0.00
BOC: 2507		RPTG CATG:	OBLG AMT:	0.00

LAST CHG STATUS: DESCRIPTION: 5 YR RVU EAGLE MINE RTHOMAS

02- LINE NO:	BFY:	APPR:	RPIO:	
BUDGET ORG:		PE:	LINE AMT:	
COST ORG:		SITE/PROJ:	CLOSED AMT:	
BOC:		RPTG CATG:	OBLG AMT:	

LAST CHG STATUS: DESCRIPTION:

03- LINE NO:	BFY:	APPR:	RPIO:	
BUDGET ORG:		PE:	LINE AMT:	
COST ORG:		SITE/PROJ:	CLOSED AMT:	
BOC:		RPTG CATG:	OBLG AMT:	

LAST CHG STATUS: DESCRIPTION:

02-*L009 HEADER CHANGE

**MONTANA
SUPERFUND
INTERAGENCY AGREEMENT
ROUTE SLIP**

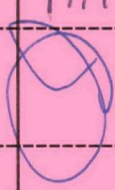


RECIPIENT: USACE

INTERAGENCY ID#: DW-96-95398501-2

PROJECT: Five Year Reviews

ACTION: Increase

**Concurrence
and Date**

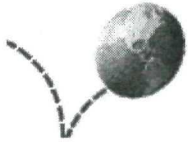
1. SF PROJECT MANAGER - Roger Hoogerheide (8MO)	RH 12/19/07
2. MONTANA OFFICE DIRECTOR - John Wardell (8MO)	 12/19/07
3. ARA - Carol Rushin (8EPR) <i>Carol Campbell</i>	
4. GRANTS DIRECTOR - Wayne Anthofer (8TMS-G)	
5. GRANTS SPECIALIST - Danette Quick (8MO)	

COMMENTS:

ENVIRONMENTAL
PROTECTION AGENCY

JAN 16 2008


MONTANA OFFICE



Rebecca
Thomas/EPR/R8/USEPA/US
12/11/2007 01:41 PM

To: Danette Quick/MO/R8/USEPA/US@EPA
cc: Roger Hoogerheide, Michael Holmes@EPA
bcc:
Subject: IAG with COE

History:

 This message has been replied to.

Danette - I would like to add the Eagle Mine Site to our IAG with the Kansas City COE for a Five Year Review. I've attached the statement of work to this email and will send the PR under a separate email. Please let me know if you need anything else from me. Thanks!



Five Year SOW.doc

U.S. EPA, Region 8
Rebecca Thomas (EPR-SR)
1595 Wynkoop
Denver, Colorado 80202-1129
(303) 312-6552



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8, MONTANA OFFICE
FEDERAL BUILDING, 10 W. 15th STREET, SUITE 3200
HELENA, MONTANA 59626

August 21, 2007

Ref: 8MO

MEMORANDUM

SUBJECT: Transmittal of Interagency Agreement (IAG)

FROM: Danette Quick, Grants Management Specialist
Region VIII, Montana Office *Danette Quick*

TO: USEPA/CFMC
Attn: Jeff Marsala
Mail Stop 002
Cincinnati, Ohio 45268

The following IAG's are for your files:

IAG#	NAME OF OTHER AGENCY	TYPE	OBLIG/DEOBLIG
DW-14-95366601-K	BOR	A	\$30,000
DW-96-95398501-1	USACE	A	\$27,000

TYPES: (N) NEW; (A) INCREASE; (B) DECREASE; (F) NON-MONETARY; (R) REIMBURSEMENT

If you have any questions, please contact Danette Quick at (406)457-5010.

Original to: Danette Quick

Attachment

cc: Debbie Clevenger, 8MO
Roger Hoogerheide, 8MO



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8, MONTANA OFFICE
FEDERAL BUILDING, 10 W. 15th STREET, SUITE 3200
HELENA, MONTANA 59626

FACSIMILE TRANSMITTAL

TO:

Name: Jeff Marsala
Organization: USEPA/CFMC
Phone:
FAX: (513) 487-2545

FROM:

Name: Danette Quick
Phone: (406) 457-5010
FAX: (406) 457-5055

COMMENTS:

IAG DW-14-95366601-K and DW-96-95398501-1

This FAX consists of 9 page(s)
including the cover sheet

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AUG 20 2007

Page 1

 <p>United States Environmental Protection Agency Washington, DC 20460</p> <p>Interagency Agreement</p> <p>Amendment</p> <p>Part 1 - General Information</p>	1. EPA IAG Identification Number DW-96-95398501 - 1	MONTANA OFFICE 4. Funding Location by Region EPA R8							
	2. Other Agency IAG ID Number	5. Program Office Abbreviation Region 8							
	3. Type of Action Augmentation: Increase								
6. Name and Address of EPA Organization US Environmental Protection Agency Montana Office 10 West 15th Street, Suite 3200 Helena, MT 59626 DUNS: 029128894	7. Name and Address of Other Agency Corps of Engineers-Omaha District 12565 W. Center Road Omaha, NE 68144-3869 DUNS: DOD966503								
8. Project Title and Description Interagency Agreement between EPA and USACE Technical assistance to support Superfund Five Year Review activities									
9. EPA Project Officer (Name, Address, Phone Number) Roger Hoogerheide 10 West 15th Streetm, Suite 3200 Helena, MT 59626 406-457-5031	10. Other Agency Project Officer (Name, Address, Phone Number) Marvene Seaman 12565 W. Center Road Omaha, NE 68144-3869 402-697-2425								
11. Project Period 06/15/2007 to 06/30/2012	12. Budget Period 06/15/2007 to 06/30/2012								
13. Scope of Work This amendment provides additional funding in the amount of \$27,000 to continue the tasks in the Scope of Work. EPA Grants Specialist for this IAG is Danette Quick 406-457-5010									
14. Statutory Authority for Both Transfer of Funds and Project Activities CERCLA: Secs. 105(a)(4) & 115			15. Other Agency Type Federal Agency						
Funds	Previous Amount	Amount This Action	Amended Total						
16. EPA Amount	\$148,000	\$27,000	\$175,000						
17. EPA In-Kind Amount	\$0	\$0	\$0						
18. Other Agency Amount	\$0	\$0	\$0						
19. Other Agency In-Kind Amt.	\$0	\$0	\$0						
20. Total Project Cost	\$148,000	\$27,000	\$175,000						
21. Fiscal									
Site Name	DCN	FY	Approp.	Budget Org.	PRC	Object	Site/Project	Cost Org.	Obligation
LINCOLN	LRA039	07	T	8ALOR	302DD2C	2507	0828FE00	C001	4,150
W. CHEM	LRA039	07	T	8ALOR	302DD2C	2507	0872FE00	C001	10,400
TENMILE	LRA039	07	T	8ALOR	302DD2C	2507	081YFE00	C001	4,150
BASIN	LRA039	07	T	8ALOR	302DD2C	2507	08K5FE00	C001	4,150
MOUAT	LRA039	07	T	8ALOR	302DD2C	2507	0865FE00	C001	4,150
									27,000

EPA Form 1610-1 (Rev. 10-88). Previous editions are obsolete.

HTRW-CX Genetic IAG

CCSC: B2D

Management Structure Code: 018985

CEFMS WI: CB7H09

Part II - Approved Budget		EPA IAG Identification Number DW-96-95398501 - 1
22. Budget Categories	Itemization of This Action	Itemization of Total Project Estimated Cost to Date
(a) Personnel	\$0	\$10,110
(b) Fringe Benefits	\$0	\$3,000
(c) Travel	\$0	\$0
(d) Equipment	\$0	\$0
(e) Supplies	\$0	\$0
(f) Procurement / Assistance	\$27,000	\$152,000
(g) Construction	\$0	\$0
(h) Other	\$0	\$2,610
(i) Total Direct Charges	\$27,000	\$167,720
(j) Indirect Costs: Rate % Base \$	\$0	\$7,280
(k) Total (EPA Share 100.00 %) (Other Agency Share 0.00 %)	\$27,000	\$175,000
23. Is equipment authorized to be furnished by EPA or leased, purchased, or rented with EPA funds? <input checked="" type="checkbox"/> No (Identify all equipment costing \$1,000 or more)		
24. Are any of these funds being used on extramural agreements? (See Item 22f.) <input checked="" type="checkbox"/> Yes		
Type of Extramural Agreement		<input checked="" type="checkbox"/> Procurement
Contractor/Recipient Name (if known)	Total Extramural Amount Under This Project	Percent Funded by EPA (if known)
Various	152000 Total \$ 152,000.00	100
Part III - Funding Methods and Billing Instructions		
25. (Note: EPA Agency Location Code (ALC) - 68010727)		
<input checked="" type="checkbox"/> Disbursement Agreement <input checked="" type="checkbox"/> Repayment		
Request for repayment of actual costs must be itemized on SF 1080 and submitted to the Financial Management Office, Cincinnati, OH 45268-7002: <input checked="" type="checkbox"/> Monthly Only available for use by Federal agencies on working capital fund or with appropriate justification of need for this type of payment method. Unexpended funds at completion of work will be returned to EPA. Quarterly cost reports will be forwarded to the Financial Management Center, EPA, Cincinnati, OH 45268-7002. Used to transfer obligational authority or transfer of function between Federal agencies. Must receive prior approval by the Office of Comptroller, Budget Division, Budget Formulation and Control Branch, EPA Hdqtrs. Forward appropriate reports to the Financial Reports and Analysis Branch, Financial Management Division, PM-226F, EPA, Washington, DC 20460.		
26.		
Funding Agency's Treasury Symbol 68/208145		<input checked="" type="checkbox"/> No-Year
Other Agency's IAG Identification Number		EPA Program Office Allowance Holder/Resp. Center No.
Other Agency's Billing Address (include ALC or Station Symbol Number)		Other Agency's Billing Instructions and Frequency

Part IV - Acceptance Conditions

EPA Identification Number

DW-96-95398501 - 1

27. General Conditions

The other agency covenants and agrees that it will expeditiously initiate and complete the project for which funds have been awarded under this agreement.

28. Special Conditions (Attach additional sheets if needed)**Part V - Offer and Acceptance**

Note: 1) For Disbursement actions, the agreement/amendment must be signed by the other agency official in duplicate and one original returned to the Grants Administration Division for Headquarters agreements or to the appropriate EPA Regional IAG administration office within 3 calendar weeks after receipt or within any extension of time as may be granted by EPA. The agreement/amendment must be forwarded to the address cited in item 29 after acceptance signature.

Receipt of a written refusal or failure to return the properly executed document within the prescribed time may result in the withdrawal of offer by EPA. Any change to the agreement/amendment by the other agency subsequent to the document being signed by the EPA Action Official, which the Action Official determines to materially alter the agreement/amendment, shall void the agreement/amendment.

2) For Reimbursement actions, the other agency will initiate the action and forward two original agreements/amendments to the appropriate EPA program office for signature. The agreements/amendments will then be forwarded to the appropriate EPA IAG administration office for acceptance signature on behalf of the EPA. One original copy will be returned to the other agency after acceptance.

EPA IAG Administration Office (for administrative assistance)**EPA Program Office (for technical assistance)****29. Organization/Address**

US EPA R8
Montana Office
10 West 15th Street, Suite 3200
Helena, MT 59626

30. Organization/Address

US Environmental Protection Agency
Region 8
10 West 15th Streetm, Suite 3200
Helena, MT 59626

Certification

All signers certify that the statements made on this form and all attachments thereto are true, accurate, and complete. Signers acknowledge that any knowingly false or misleading statements may be punishable by fine or imprisonment or both under applicable law.

Decision Official on Behalf of the Environment Protection Agency Program Office**31. Signature****Typed Name and Title****Date**

Carol Rushin, Assistant Regional Administrator

8/7/07

Action on Behalf of the Environment Protection Agency**32. Signature****Typed Name and Title****Date**

Wayne Anthofer, Director

8/7/07

Authorizing Official on Behalf of the Other Agency**33. Signature****Typed Name and Title****Date**

Camilo R. Alba, Budget Analyst

08 August 2007



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8
1595 WYNKOOP STREET
DENVER, COLORADO 80202
<http://www.epa.gov/region8>

=====

CONCURRENCE COPY

=====

Ref: 8MO

Marvene Seaman
U.S. Army Corps of Engineers
HTRW CX
12565 West Center Road
Omaha, NE 68144-3869

Re: Interagency Agreement
DW-96-95398501-1

Dear Ms. Seaman:

Enclosed are copies of an amendment to an Interagency Agreement between the U.S. Environmental Protection Agency, Region VIII, Montana Office, and the U.S. Army Corps of Engineers. This amendment provides \$27,000 in additional funding for technical assistance to support Superfund five year review activities.

Please sign and date line 33 on both copies of the enclosed EPA Form 1610-1. Retain the recipient copy for your files, and return the remaining EPA copy of the agreement to:

Danette Quick, Grants Specialist
EPA Region VIII, Montana Office
10 W. 15th Street, Suite 3200
Helena, MT 59626

If you have any questions regarding the administrative requirements, contact Danette Quick at (406)457-5010, via Email at quick.danette@epa.gov. If you have any questions regarding the technical requirements, contact Roger Hoogerheide at (406)457-5031, via Email at hoogerheide.roger@epa.gov.

Sincerely,

Wayne Anthofer, Director
Grants, Audit & Procurement
Program Office

Enclosures

F:\ 7/26/07:Danette\Documents\lags\USACE 5YrR 985.doc

NO 68MO
7/26/07
RH8MO
7/27/07



Printed on Recycled Paper

United States
Environmental Protection Agency
Region VIII

COMMITMENT/AWARD CERTIFICATION

1 APPLICANT NAME US Army Corps of Engineers		2 ASSISTANCE/IAG NUMBER DW96953985-02 (IF ASSIGNED)																																																							
3 EPA COMMITMENT AMOUNT \$ 27,000		PROJECT/BUDGET PERIOD START 6/11/2007 END 06-30-2012																																																							
4 CARRY OVER AMOUNT \$ ADD-ON TO ALLOCATION AMOUNT PART OF ALLOCATION AMOUNT																																																									
5 IAG <input checked="" type="checkbox"/> GRANT/COOPERATIVE AGREEMENT <input type="checkbox"/> PPG (see attached) <input type="checkbox"/>																																																									
TYPE OF ACTION: NEW <input type="checkbox"/> CONTINUATION <input type="checkbox"/> AMENDMENT/INCREASE <input checked="" type="checkbox"/>																																																									
DELEGATION OF AUTHORITY NUMBER 1-11		CFDA NUMBER																																																							
6 PROJECT DESCRIPTION: Support statutory and policy 5 year reviews																																																									
7 STATUTORY AUTHORITY: Comprehensive Environmental Response, Compensation and Liability Act, Section 105(a)(4) and Section 115 read together with Executive Order 12580																																																									
8 GRANTS ONLY: NON-COMPETITIVE JUSTIFICATION																																																									
9 JUSTIFICATION FOR GRANT OR IAG																																																									
10 REPORTING REQUIREMENTS: QUARTERLY <input checked="" type="checkbox"/> ANNUALLY <input type="checkbox"/> FINAL <input type="checkbox"/> Programmatic Terms and Conditions Attached? YES <input type="checkbox"/> NO <input type="checkbox"/>																																																									
11 EPA P.O. SIGNATURE: <i>[Signature]</i>		DATE: 7/13/07																																																							
12 PROGRAM FUNDS APPROVED:		DATE:																																																							
13 FINANCIAL AND ACCOUNTING DATA																																																									
<table border="1"><thead><tr><th>DCN</th><th>BUDGET FY</th><th>APPROP. CODE</th><th>BUDGET ORG/CODE</th><th>PROGRAM RESULTS CODE</th><th>OBJECT CLASS</th><th>Amount (dollars)</th><th>SITE/PROJECT</th><th>Cost Org/Code</th></tr></thead><tbody><tr><td>1</td><td>LRA</td><td>07</td><td>1</td><td>8ALUR</td><td>302DD2C</td><td>2507</td><td>\$ 4150</td><td>0828FE00 C001</td></tr><tr><td>2</td><td>LRA</td><td>07</td><td>1</td><td>8ALUR</td><td>302DD2C</td><td>2507</td><td>\$ 10,400</td><td>0872FE00 C001</td></tr><tr><td>3</td><td>LRA</td><td>07</td><td>1</td><td>8ALUR</td><td>302DD2C</td><td>2507</td><td>\$ 4150</td><td>081YFE00 C001</td></tr><tr><td>4</td><td>LRA</td><td>07</td><td>1</td><td>8ALUR</td><td>302DD2C</td><td>2507</td><td>\$ 4150</td><td>08K5FE00 C001</td></tr><tr><td>5</td><td>LRA</td><td>07</td><td>1</td><td>8ALUR</td><td>302DD2C</td><td>2507</td><td>\$ 4150</td><td>0865FE00 C001</td></tr></tbody></table>				DCN	BUDGET FY	APPROP. CODE	BUDGET ORG/CODE	PROGRAM RESULTS CODE	OBJECT CLASS	Amount (dollars)	SITE/PROJECT	Cost Org/Code	1	LRA	07	1	8ALUR	302DD2C	2507	\$ 4150	0828FE00 C001	2	LRA	07	1	8ALUR	302DD2C	2507	\$ 10,400	0872FE00 C001	3	LRA	07	1	8ALUR	302DD2C	2507	\$ 4150	081YFE00 C001	4	LRA	07	1	8ALUR	302DD2C	2507	\$ 4150	08K5FE00 C001	5	LRA	07	1	8ALUR	302DD2C	2507	\$ 4150	0865FE00 C001
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14 FUNDS CERTIFYING OFFICER SIGNATURE: (AO) <i>[Signature]</i>		DATE: 7/18/07																																																							
15 DECISION OFFICIAL (or designee)																																																									
SIGNATURE: (ARA) <i>[Signature]</i>		DATE: 7/18/07																																																							

REVISED R8TMS-G/Sept99 NEWC&A.123

EPA GRANT FORM-001

ENTERED FORMS

JUL 18 2007

BY *[Signature]*

ENVIRONMENTAL
PROTECTION AGENCY

JUL 20 2007

MONTANA OFFICE

ACTION: R SCREEN: REQL USERID: MIMI

07/18/07

04:59:25 PM

*** REQUISITION ACCOUNTING LINE INQUIRY TABLE ***

KEY IS TRANS CODE, REQ NO, LINE NO

TRANS CODE: RQ

REQ NO: 078ALRA039

01- LINE NO: 001 BFY: 2007	APPR: T	RPIO: 08	
BUDGET ORG: 8AL0R	PE: 302DD2C	LINE AMT:	4,150.00
COST ORG: C001	SITE/PROJ: 0828FE00	CLOSED AMT:	0.00
BOC: 2507	RPTG CATG:	OBLG AMT:	0.00
LAST CHG STATUS:	DESCRIPTION: IAG ARMY CORPS LINCOLN PARK		
02- LINE NO: 002 BFY: 2007	APPR: T	RPIO: 08	
BUDGET ORG: 8AL0R	PE: 302DD2C	LINE AMT:	10,400.00
COST ORG: C001	SITE/PROJ: 0872FE00	CLOSED AMT:	0.00
BOC: 2507	RPTG CATG:	OBLG AMT:	0.00
LAST CHG STATUS:	DESCRIPTION: IAG ARMY CORPS WASATCH CHEMICA		
03- LINE NO: 003 BFY: 2007	APPR: T	RPIO: 08	
BUDGET ORG: 8AL0R	PE: 302DD2C	LINE AMT:	4,150.00
COST ORG: C001	SITE/PROJ: 081YFE00	CLOSED AMT:	0.00
BOC: 2507	RPTG CATG:	OBLG AMT:	0.00
LAST CHG STATUS:	DESCRIPTION: IAG ARMY CORPS UPPER TENMILE		

Google Checkout
<noreply@checkout.google.c
om>

ACTION: R SCREEN: REQL USERID: MIMI

07/18/07

04:59:28 PM

*** REQUISITION ACCOUNTING LINE INQUIRY TABLE ***

KEY IS TRANS CODE, REQ NO, LINE NO

TRANS CODE: RQ

REQ NO: 078ALRA039

01- LINE NO: 004 BFY: 2007	APPR: T	RPIO: 08	
BUDGET ORG: 8AL0R	PE: 302DD2C	LINE AMT:	4,150.00
COST ORG: C001	SITE/PROJ: 08K5FE00	CLOSED AMT:	0.00
BOC: 2507	RPTG CATG:	OBLG AMT:	0.00
LAST CHG STATUS:	DESCRIPTION: IAG ARMY CORPS BASIN MINING		
02- LINE NO: 005 BFY: 2007	APPR: T	RPIO: 08	
BUDGET ORG: 8AL0R	PE: 302DD2C	LINE AMT:	4,150.00
COST ORG: C001	SITE/PROJ: 0865FE00	CLOSED AMT:	0.00
BOC: 2507	RPTG CATG:	OBLG AMT:	0.00
LAST CHG STATUS:	DESCRIPTION: IAG ARMY CORPS MOUAT INDUSTRIE		
03- LINE NO: BFY:	APPR:	RPIO:	
BUDGET ORG:	PE:	LINE AMT:	
COST ORG:	SITE/PROJ:	CLOSED AMT:	
BOC:	RPTG CATG:	OBLG AMT:	
LAST CHG STATUS:	DESCRIPTION:		

03-*L009 HEADER CHANGE

Google Checkout
<noreply@checkout.google.c
om>

**MONTANA
SUPERFUND
INTERAGENCY AGREEMENT
ROUTING SLIP**


RECIPIENT: USACE

INTERAGENCY ID#: DW-96-95398501-1

PROJECT: Five Year Reviews

ACTION: Increase

**Concurrence
and Date**

1. PROJECT OFFICER - Roger Hoogerheide (8MO)	RH 7/27
2. MONTANA OFFICE DIRECTOR - John Wardell (8MO)	 7/27
3. ARA - Carol Rushin (8EPR)	TA 7/30
4. GRANTS DIRECTOR - Wayne Anthofer (8TMS-G)	
5. GRANTS SPECIALIST - Danette Quick (8MO)	

COMMENTS:

ENVIRONMENTAL
PROTECTION AGENCY

AUG 03 2007

MONTANA OFFICE



"Fraley, Jill K NWK"
<Jill.K.Fraley@nwk02.usace.
army.mil>
07/31/2007 08:25 AM

To Roger Hoogerheide/MO/R8/USEPA/US@EPA
cc Rebecca Thomas/EPR/R8/USEPA/US@EPA, "Young, Scott
E NWK" <Scott.E.Young@nwk02.usace.army.mil>, "Crifasi,
Vincenzo A NWK"

bcc

Subject RE: Funding for Optional Tasks: 5-year Reviews for
Wasatch Chemical, Upper Ten Mile Creek, Lincoln Park, and
Mouat Industries

Roger,

I was just looking on the contract document itself and did not check the
funding amounts that have already been sent here via IAG. I am sure that
whatever numbers Vincenzo gave you previously are the correct amounts. Sorry
for any confusion this caused. If there is anything we can do to help from
our end, let me know.

Thanks,
Jill

-----Original Message-----

From: Hoogerheide.Roger@epamail.epa.gov
[mailto:Hoogerheide.Roger@epamail.epa.gov]
Sent: Tuesday, July 31, 2007 8:58 AM
To: Fraley, Jill K NWK
Cc: Thomas.Rebecca@epamail.epa.gov; Young, Scott E NWK; Crifasi, Vincenzo A
NWK; Quick.Danette@epamail.epa.gov
Subject: Re: Funding for Optional Tasks: 5-year Reviews for Wasatch Chemical,
Upper Ten Mile Creek, Lincoln Park, and Mouat Industries

An amendment to the IAG was processed through our Montana office on Friday
and sent inter-office mail to fund the remainder of the work for the amounts
that Vincenzo and I discussed prior to his leaving on vacation. I will leave
it up to Rebecca to try and expedite it through the signatory chain in
Denver.

The dollar amounts identified below are a bit higher than what Vince and I
discussed and hope that the dollar amounts do not reflect partial funding of
Task 3 that EPA already obligated to the IAG but USACoE hasn't issued because
of insufficient funds. I have already had to go to HQ to request more 5 year
review money and if additional funds are needed beyond this request, we may
have to sacrifice Mouat until 2008.

"Fraley, Jill K
NWK"
<Jill.K.Fraley@n
wk02.usace.army.
mil>

07/31/2007 07:48
AM

To
Roger
Hoogerheide/MO/R8/USEPA/US@EPA,
Rebecca
Thomas/EPR/R8/USEPA/US@EPA
cc
"Crifasi, Vincenzo A NWK"

<Vincenzo.A.Crifasi@nwk02.usace.army.mil>, "Young, Scott E NWK"
<Scott.E.Young@nwk02.usace.army.mil>

Subject
Funding for Optional Tasks:
5-year Reviews for Wasatch
Chemical, Upper Ten Mile Creek,
Lincoln Park, and Mouat
Industries

Roger and Rebecca,

Kansas City District received a call from HDR Engineering regarding the work they are performing for you on the 5-year reviews for the Wasatch Chemical, Upper Ten Mile Creek, Lincoln Park, and Mouat Industries Sites.

Vincenzo is

still on vacation, but as I understand things, we did some up front funding on each of these sites and placed the remaining work as priced options to be funded at a later date.

HDR has informed us that they are making good progress on the work, but they will be running out of funds within the next 8-9 days. If they do run out of funds, they will be in a situation where they will have to stop work on the projects. As I understand it, this will have a significant impact on the RPMs for these sites, as they are expecting completed 5-year reviews on Wasatch, Upper Ten Mile, and Lincoln Park by the end of the fiscal year (and Mouat shortly thereafter).

Based on the contract (see attached), we would need the following funding to prevent schedule delays:

1. Upper Ten Mile Creek: \$18,594.51
2. Wasatch Chemical: \$17,239.81
3. Lincoln Park: \$17,181.55
4. Mouat Industries: \$16,738.01

Based on my discussions with HDR, the first three of these need to be funded ASAP. If EPA R5 does not have the funds to exercise all four options at once, the Mouat Industries Site is the one on the later schedule for an FY08 completion and could be delayed.

Please let me know how you intend to proceed and what the likelihood is of having funds available in time for the contractor to continue working.

I'm

available to talk any time this week, so feel free to call with any questions/concerns you have for us.

Thanks,
Jill

Jill K. Fraley, RG, PMP
US Army Corps of Engineers - Kansas City District PM-EP Section Chief
Desk: (816) 389-3798
Cell: (816) 506-1453

----- Message from "Crifasi, Vincenzo A NWK"
<Vincenzo.A.Crifasi@nwk02.usace.army.mil> on Fri, 13 Jul 2007 14:57:55 -0500

To: <Hoogerheide.Roger@epamail.epa.gov>,
<Thomas.Rebecca@epamail.epa.gov>

cc: "Crader, Mike D LTC NWK" <Mike.D.Crader@nwk02.usace.army.mil>,
"Thomas, Shelley NWK" <Shelley.Thomas@nwk02.usace.army.mil>,
"Young, Scott E NWK" <Scott.E.Young@nwk02.usace.army.mil>,
"Fraley, Jill K NWK" <Jill.K.Fraley@nwk02.usace.army.mil>

Subj FW: W912DQ-06-D-0010-0007 HDR Engineering, Inc. EPA R8 A-E
ect: Technical Assistance

Hi Roger,

Attached is the NTP for the HDR work. Thanks the our contracting person,
Shelley Thomas we made the award on time.

Please let me know if you have any questions.

Best regards for a great weekend,

Vincenzo

VINCENZO A. CRIFASI, PE, PMP
US Army Corps of Engineers,
Kansas City District
Project Manager, PM-EP
(w) 816.389.3358
(F) 816.389.2023

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only for the named person(s), who is/are the only authorized recipients. If
this message has reached you in error, please notify the sender immediately
and promptly destroy it without review. Dissemination, distribution or
copying of this communication is strictly prohibited. Thank you for your
help.

-----Original Message-----

From: Thomas, Shelley NWK
Sent: Friday, July 13, 2007 2:49 PM
To: McCollum, Richard W.; 'Napp, Ken'
Cc: Crifasi, Vincenzo A NWK; Fraley, Jill K NWK
Subject: W912DQ-06-D-0010-0007 HDR Engineering, Inc. EPA R8 A-E Technical
Assistance

Ken and Rich,

Good afternoon. Please find attached Task Order 0007, Contract
W912DQ-06-D-0010 for A-E Technical Assistance with 5-Year Reviews of various

Superfund Sites.

Please review, sign in block 16, page 1 of 37, and return to me via .pdf file, it would be greatly appreciated.

If you have any questions or concerns, please do not hesitate to let us know.

Regards,
Shelley

Shelley Thomas
Contracting Officer/Contract Specialist U.S. Army Corps of Engineers Kansas
City District Headquarters - Heartland Engineers HTRW, A-E and Construction
Branch Contracting Division
Voice: 816-389-3842
Fax: 816-389-2029
www.nwk.usace.army.mil

"A positive attitude may not solve every problem but it makes solving any problem a more pleasant experience." ----Grant Fairley

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(See attached file: W9126G-06-D-0010-0007 HDR, Inc. - EPA R8 Sites
DD1155 - Released.doc)



"Seaman, Marvene L
NWD02"
<Marvene.L.Seaman@nwd02
.usace.army.mil>

06/14/2007 01:16 PM

To "Crifasi, Vincenzo A NWK"
<Vincenzo.A.Crifasi@nwk02.usace.army.mil>, Roger
Hoogerheide/MO/R8/USEPA/US@EPA, Kristine
cc "Fraley, Jill K NWK" <Jill.K.Fraley@nwk02.usace.army.mil>,
"Young, Scott E NWK"
<Scott.E.Young@nwk02.usace.army.mil>, Danette
bcc

Subject RE: New Five Year Review IAG DW-96-95398501-0

Rebecca, Roger, Kristine, Danette:

The bulk funded Generic IAG DW96953985-01-0 has been received by my office (I also received the original documents this afternoon), and I am working with my Budget Office to have the agreement signed as soon as possible. When I receive a signed copy from Budget, I will e-mail a scanned copy to you. As you know, the bulk funds cannot be obligated or expended by USACE.

The next step after the bulk funded Generic IAG has been accepted, is for Region 8 to issue separate site-specific Work Authorization Forms (WAFs) in order for USACE to be able to use the funding. Vincenzo Crifasi has provided for your information a dollar amount breakdown for each WAF.

If you need any assistance on issuing the WAFs, please contact Jeff Marsala at the EPA Cincinnati Financial Management Center (513-487-2056) or myself at 402-697-2425.

Please fax or e-mail a copy of the signed WAFs to me and to Jeff Marsala. My fax number is 402-697-2613 and my e-mail address is as follows:

marvene.l.seaman@usace.army.mil

Thanks!

-----Original Message-----

From: Crifasi, Vincenzo A NWK
Sent: Thursday, June 14, 2007 12:09 PM
To: Hoogerheide.Roger@epamail.epa.gov; Knutson.Kristine@epamail.epa.gov;
Thomas.Rebecca@epamail.epa.gov
Cc: Fraley, Jill K NWK; Young, Scott E NWK; quick.dinette@epa.gov; Allen,
Shelly M NWK; Seaman, Marvene L NWD02
Subject: New Five Year Review IAG DW-96-95398501-0
Importance: High

Rebecca, Roger and Kristine,

Thank you for the new work associated with this IAG. It was recommended by Marvene Seamen, the Corps Superfund IAG coordinator, that we provide you a budgeted dollar amount for each site specific work assignment to be issued for the IAG. The following is the breakdown (please use the Maximized window setting to see the columns or the attachment):

SITE

CONTRACT/PROCUREMENT BUDGET

LABOR& OTHER BUDGET

Upper Ten Mile Creek, MT (First Review)
\$4,600

TOTAL SITE BUDGET

\$26,250
\$30,850.00

Wasatch Chemical, UT (Third Review)
\$4,600

\$20,000
\$24,600.00

Lincoln Park, CO (First Review)
\$4,600

\$26,250
\$30,850.00

Mouat Industries, MT (First Review)
\$4,600

\$26,250
\$30,850.00

Basin, MT(First Review)
\$4,600

\$26,250
\$30,850.00

Totals

\$125,000.00
\$23,000.00

\$148,000.00

As I mentioned in our previous conversations regarding the budgeted amounts, especially for the procurement budgeted amounts, these are budgeted amounts and WILL vary. As we negotiate procurement with the each contractor for the site we will need to adjust the IAG amounts. If we have to adjust the amounts upwards we will need to choose which Five Year Reviews you will need to do with the funds available. The impact to the schedule is to award the procuremnt is now mid July, 2007.

Please let me know if you want to review this correspondence further.

Best regards,

Vincenzo

VINCENZO A. CRIFASI, PE, PMP
US Army Corps of Engineers,
Kansas City District
Project Manager, PM-EP
(w) 816.389.3358
(F) 816.389.2023

***** PLEASE NOTE ***** This message, along with any attachments, may be confidential or legally privileged. It is intended only for the named person(s), who is/are the only authorized recipients. If this message has reached you in error, please notify the sender immediately and promptly destroy it without review. Dissemination, distribution or copying of this communication is strictly prohibited. Thank you for your help.

-----Original Message-----

From: Hoogerheide.Roger@epamail.epa.gov
[mailto:Hoogerheide.Roger@epamail.epa.gov]
Sent: Wednesday, June 13, 2007 4:15 PM
To: Crifasi, Vincenzo A NWK
Cc: Fraley, Jill K NWK; Knutson.Kristine@epamail.epa.gov;
Thomas.Rebecca@epamail.epa.gov; Young, Scott E NWK
Subject: Re:

Does the email from Danette Quick, our grants specialist, with the attached



"Crifasi, Vincenzo A NWK "
<Vincenzo.A.Crifasi@nwk02.
usace.army.mil>

06/14/2007 01:27 PM

To Danette Quick/MO/R8/USEPA/US@EPA

cc

bcc

Subject FW: New Five Year Review IAG DW-96-95398501-0

VINCENZO A. CRIFASI, PE, PMP
US Army Corps of Engineers,
Kansas City District
Project Manager, PM-EP
(w) 816.389.3358
(F) 816.389.2023

***** PLEASE NOTE *****

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-----Original Message-----

From: Crifasi, Vincenzo A NWK
Sent: Thursday, June 14, 2007 12:09 PM
To: 'Hoogerheide.Roger@epamail.epa.gov'; Knutson.Kristine@epamail.epa.gov; Thomas.Rebecca@epamail.epa.gov
Cc: Fraley, Jill K NWK; Young, Scott E NWK; 'quick.dinette@epa.gov'; Allen, Shelly M NWK; Seaman, Marvene L NWD02
Subject: New Five Year Review IAG DW-96-95398501-0
Importance: High

Rebecca, Roger and Kristine,

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\$4,600

\$20,000
\$24,600.00

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\$4,600

\$26,250
\$30,850.00

Mouat Industries, MT (First Review)
\$4,600

\$26,250
\$30,850.00

Basin, MT(First Review)

\$26,250

\$4,600

\$30,850.00

Totals

\$125,000.00

\$23,000.00

\$148,000.00

As I mentioned in our previous conversations regarding the budgeted amounts, especially for the procurement budgeted amounts, these are budgeted amounts and WILL vary. As we negotiate procurement with the each contractor for the site we will need to adjust the IAG amounts. If we have to adjust the amounts upwards we will need to choose which Five Year Reviews you will need to do with the funds available. The impact to the schedule is to award the procuremnt is now mid July, 2007.

Please let me know if you want to review this correspondence further.

Best regards,

Vincenzo

VINCENZO A. CRIFASI, PE, PMP
US Army Corps of Engineers,
Kansas City District
Project Manager, PM-EP
(w) 816.389.3358
(F) 816.389.2023

***** PLEASE NOTE ***** This message, along with any attachments, may be confidential or legally privileged. It is intended only for the named person(s), who is/are the only authorized recipients. If this message has reached you in error, please notify the sender immediately and promptly destroy it without review. Dissemination, distribution or copying of this communication is strictly prohibited. Thank you for your help.

-----Original Message-----

From: Hoogerheide.Roger@epamail.epa.gov
[mailto:Hoogerheide.Roger@epamail.epa.gov]
Sent: Wednesday, June 13, 2007 4:15 PM
To: Crifasi, Vincenzo A NWK
Cc: Fraley, Jill K NWK; Knutson.Kristine@epamail.epa.gov;
Thomas.Rebecca@epamail.epa.gov; Young, Scott E NWK
Subject: Re:

Does the email from Danette Quick, our grants specialist, with the attached award sent at 3:00 pm MDT suffice?

"Crifasi,
Vincenzo A NWK"
<Vincenzo.A.Crif
asi@nwk02.usace.
army.mil>

06/13/2007 02:10
PM

Roger
Hoogerheide/MO/R8/USEPA/US@EPA,
Rebecca
Thomas/EPR/R8/USEPA/US@EPA

Kristine
Knutson/MO/R8/USEPA/US@EPA,

To

cc

award sent at 3:00 pm MDT suffice?

"Crifasi,
Vincenzo A NWK"
<Vincenzo.A.Crif
asi@nwk02.usace.
army.mil>

06/13/2007 02:10
PM

Roger
Hoogerheide/MO/R8/USEPA/US@EPA,
Rebecca
Thomas/EPR/R8/USEPA/US@EPA

To

CC

Kristine
Knutson/MO/R8/USEPA/US@EPA,
"Young, Scott E NWK"
<Scott.E.Young@nwk02.usace.army.m
il>, "Fraley, Jill K NWK"
<Jill.K.Fraley@nwk02.usace.army.m
il>

Subject

Greetings,

Just an update of the schedule for award of the task orders for the five year reviews. Currently we are going into the quarter end crunch for contract actions. If we receive funds from the IAG for this task this week we will be able to award the task orders by early to mid July.

Roger,

I just left a message in your voice mail about scanning and emailing the signed IAG to me as soon as you receive it. I believe this will expedite the contract action by a few days.

Thanks,

VINCENZO A. CRIFASI, PE, PMP
US Army Corps of Engineers,
Kansas City District
Project Manager, PM-EP
(w) 816.389.3358
(F) 816.389.2023

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8, MONTANA OFFICE
FEDERAL BUILDING, 10 W. 15th STREET, SUITE 3200
HELENA, MONTANA 59626

July 2, 2007

Ref: 8MO

MEMORANDUM

SUBJECT: Transmittal of Interagency Agreement (IAG)

FROM: Danette Quick, Grants Management Specialist
Region VIII, Montana Office

TO: USEPA/CFMC
Attn: Jeff Marsala
Mail Stop 002
Cincinnati, Ohio 45268

The following IAG's are for your files:

IAG#	NAME OF OTHER AGENCY	TYPE	OBLIG/DEOBLIG
DW-96-95398501-0	USACE	A	\$148,000
DW-96-95395201-4	USACE	A	\$2,000,000

TYPES: (N) NEW; (A) INCREASE; (B) DECREASE; (F) NON-MONETARY; (R) REIMBURSEMENT

If you have any questions, please contact Danette Quick at (406)457-5010.

Original to: Danette Quick

Attachment

cc: Debbie Clevenger, 8MO
Roger Hoogerheide, 8MO



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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8, MONTANA OFFICE
FEDERAL BUILDING, 10 W. 15th STREET, SUITE 3200
HELENA, MONTANA 59626

FACSIMILE TRANSMITTAL

TO:

Name: Jeff Marsala
Organization: USEPA/CFMC
Phone:
FAX: (513) 487-2545

FROM:

Name: Danette Quick
Phone: (406) 457-5010
FAX: (406) 457-5055

COMMENTS:

IAG DW-96-95398501-0 and DW-96-95395201-4

This FAX consists of 8 page(s)
including the cover sheet

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JUL 17 2007

MONTANA OFFICE

Page 1

EPA COPY

01W96953985-01-0

 <p>United States Environmental Protection Agency Washington, DC 20460</p> <p>Interagency Agreement</p> <p>Amendment</p> <p>Part 1 - General Information</p>	1. EPA IAG Identification Number DW-96-95398501 - 0	4. Funding Location by Region EPA R8							
	2. Other Agency IAG ID Number	5. Program Office Abbreviation Region 8							
	3. Type of Action New								
6. Name and Address of EPA Organization US Environmental Protection Agency Montana Office 10 West 15th Street, Suite 3200 Helena, MT 59626 DUNS: 029128894	7. Name and Address of Other Agency Corps of Engineers-Omaha District 12565 W. Center Road Omaha, NE 68144-3869 DUNS: DOD966503								
8. Project Title and Description Interagency Agreement between EPA and USACE Technical assistance to support Superfund Five Year Review activities									
9. EPA Project Officer (Name, Address, Phone Number) Roger Hoogerheide 10 West 15th Street, Suite 3200 Helena, MT 59626 406-457-5031	10. Other Agency Project Officer (Name, Address, Phone Number) Vincenzo Grifasi <i>Marvenc Jeaman</i> 601 East 12th Street <i>WJALE, HTRW-CX</i> Kansas City, MO 64106-2896 <i>12565 W. Center Rd.</i> 816-389-3358 <i>Omaha, NE 68144-3869</i>								
11. Project Period 06/15/2007 to 06/30/2012	12. Budget Period 06/15/2007 to 06/30/2012								
13. Scope of Work See Attached SOW EPA Grants Specialist for this IAG is Danette Quick 406-457-5010									
14. Statutory Authority for Both Transfer of Funds and Project Activities CERCLA: Secs. 105(a)(4) & 115		15. Other Agency Type Federal Agency							
Funds	Previous Amount	Amount This Action	Amended Total						
16. EPA Amount	\$0	\$148,000	\$148,000						
17. EPA In-Kind Amount	\$0	\$0	\$0						
18. Other Agency Amount	\$0	\$0	\$0						
19. Other Agency In-Kind Amt.	\$0	\$0	\$0						
20. Total Project Cost		\$148,000	\$148,000						
21. Fiscal									
Site Name	DCN	FY	Approp.	Budget Org.	PRC	Object	Site/Project	Cost Org.	Obligation
	LRA030	07	T	8AL0R	302DD2C	2507	08WQFE00	C001	148,000
									148,000

EPA Form 1610-1 (Rev. 10-88). Previous editions are obsolete.

HTRW-CX Generic IAG

CLSC: B29

Management Structure Code: 018985

CEMS WI: CB7H09

Part II - Approved Budget

EPA IAG Identification Number

DW-96-95398501 - 0

22. Budget CategoriesItemization of
This ActionItemization of Total Project
Estimated Cost to Date

(a) Personnel	\$10,110	\$10,110
(b) Fringe Benefits	\$3,000	\$3,000
(c) Travel	\$0	\$0
(d) Equipment	\$0	\$0
(e) Supplies	\$0	\$0
(f) Procurement / Assistance	\$125,000	\$125,000
(g) Construction	\$0	\$0
(h) Other	\$2,610	\$2,610
(i) Total Direct Charges	\$140,720	\$140,720
(j) Indirect Costs: Rate <u>72%</u> Base <u>\$10,110.00</u>	\$7,280	\$7,280
(k) Total (EPA Share 100.00 %) (Other Agency Share 0.00 %)	\$148,000	\$148,000

23. Is equipment authorized to be furnished by EPA or leased, purchased, or rented with EPA funds?

☒ No

(Identify all equipment costing \$1,000 or more)

24. Are any of these funds being used on extramural agreements? (See Item 22f.)

☒ Yes

Type of Extramural Agreement

☒ Procurement

Contractor/Recipient Name (if known)	Total Extramural Amount Under This Project	Percent Funded by EPA (if known)
Various	125000	100
	Total \$ 125,000.00	

Part III - Funding Methods and Billing Instructions

25. (Note: EPA Agency Location Code (ALC) - 68010727)

<input checked="" type="checkbox"/> Disbursement Agreement	Request for repayment of actual costs must be itemized on SF 1080 and submitted to the Financial Management Office, Cincinnati, OH 45268-7002:
<input checked="" type="checkbox"/> Repayment	<input checked="" type="checkbox"/> Monthly
	Only available for use by Federal agencies on working capital fund or with appropriate justification of need for this type of payment method. Unexpended funds at completion of work will be returned to EPA. Quarterly cost reports will be forwarded to the Financial Management Center, EPA, Cincinnati, OH 45268-7002.
	Used to transfer obligational authority or transfer of function between Federal agencies. Must receive prior approval by the Office of Comptroller, Budget Division, Budget Formulation and Control Branch, EPA Hdqtrs. Forward appropriate reports to the Financial Reports and Analysis Branch, Financial Management Division, PM-226F, EPA, Washington, DC 20460.

26.

Funding Agency's Treasury Symbol 68/208145

☒ No-Year

Other Agency's IAG Identification Number

EPA Program Office Allowance Holder/Resp. Center No.

Other Agency's Billing Address (include ALC or Station Symbol Number)

Other Agency's Billing Instructions and Frequency

Part IV - Acceptance Conditions**EPA Identification Number**

DW-96-95398501 - 0

27. General Conditions

The other agency covenants and agrees that it will expeditiously initiate and complete the project for which funds have been awarded under this agreement.

28. Special Conditions (Attach additional sheets if needed)**Part V - Offer and Acceptance**

Note: 1) For Disbursement actions, the agreement/amendment must be signed by the other agency official in duplicate and one original returned to the Grants Administration Division for Headquarters agreements or to the appropriate EPA Regional IAG administration office within 3 calendar weeks after receipt or within any extension of time as may be granted by EPA. The agreement/amendment must be forwarded to the address cited in item 29 after acceptance signature.

Receipt of a written refusal or failure to return the properly executed document within the prescribed time may result in the withdrawal of offer by EPA. Any change to the agreement/amendment by the other agency subsequent to the document being signed by the EPA Action Official, which the Action Official determines to materially alter the agreement/amendment, shall void the agreement/amendment.

2) For Reimbursement actions, the other agency will initiate the action and forward two original agreements/amendments to the appropriate EPA program office for signature. The agreements/amendments will then be forwarded to the appropriate EPA IAG administration office for acceptance signature on behalf of the EPA. One original copy will be returned to the other agency after acceptance.

EPA IAG Administration Office (for administrative assistance)**EPA Program Office (for technical assistance)****29. Organization/Address**

US EPA R8
Montana Office
10 West 15th Street, Suite 3200
Helena, MT 59626

30. Organization/Address

US Environmental Protection Agency
Region 8
10 West 15th Streetm, Suite 3200
Helena, MT 59626

Certification

All signers certify that the statements made on this form and all attachments thereto are true, accurate, and complete. Signers acknowledge that any knowingly false or misleading statements may be punishable by fine or imprisonment or both under applicable law.

Decision Official on Behalf of the Environment Protection Agency Program Office**31. Signature****Typed Name and Title**

Judy Wong
CAROL KUSHIN
Judy Wong, Deputy Assistant Regional Administrator

Date
JUN 11 2007

Action on Behalf of the Environment Protection Agency**32. Signature****Typed Name and Title**

Wayne Anthofer
Wayne Anthofer, Director

Date
JUN 11 2007

Authorizing Official on Behalf of the Other Agency**33. Signature****Typed Name and Title**

Camilo B. Alba
CAMILO B. ALBA, BUDGET ANALYST

Date
15 June 2007

IAG Terms and Conditions

1. **Recipient** agrees to meet the site-specific financial management and record keeping responsibilities contained in EPA's "Superfund Financial Management and Record keeping Guidance for Federal Agencies" (January 1989).

2. **Cost Documentation Requirements**

EPA, acting as a manager of the Hazardous Substances Superfund, requires current information on CERCLA response actions and related obligations of CERCLA funds for these actions. In addition, CERCLA, as amended, authorized EPA to recover from responsible parties all government costs incurred during a response action. In order to help assure oversight and successful recovery of CERCLA funds, both **Recipient** and EPA have responsibilities under this agreement. **Recipient** accounting system reports must be supported by site- and activity-specific cost documentation. **Recipient** will organize and retain in site file(s) documentation of costs by site and activity (e. g. vouchers, billing statements, evidence of payment, audit reports) as follows:

a. **Direct Costs**

Payroll - time sheets or time cards to support hours charged to a particular site, including the signature of the employee and/or the employee's supervisor. However, any subsequent revisions to the time sheets must be signed by both the employee and the employee's supervisor.

Travel - travel authorizations (including purpose of trip), local travel vouchers, traveler's reimbursement vouchers, carrier bills (including airline tickets), government owned vehicle bills, appropriate receipts for hotels, car rental, etc., proof of payment. Proof of payment is satisfied by providing a copy of the accomplished SF 1166 "Voucher and Schedule of Payment" or equivalent.

Contractor services - copies of contracts, requests for proposals (RFPs), detailed evaluation of contractor bids, contractor invoices, **Recipient** project officer approval of invoices, proof of payment. Proof of payment is satisfied by providing a copy of the accomplished SF 1166 or equivalent.

Supplies and Equipment - EPA authorization to purchase non-expendable property of \$1000 or more, vendor invoices, proof of payment, and hourly records of equipment use, when applicable.

Any other direct costs not included in the above categories.

b. **Indirect Costs**

The **Recipient** certifies (1) that any indirect costs included in billing EPA represent, in accordance with GAO principles, indirect costs that are funded out of the performing agency's currently available appropriations and that bear a significant relationship to the performing of the services of work, or (2) that statutory authority exists for charging other than these costs for performance. If an audit determines that any direct or indirect costs changed following the resolution of the audit and EPA will be credited for those costs.

3. **Reporting Requirements**

a. **Recipient** will provide monthly progress reports to the EPA Regional Project Officer containing:

Site name, site ID number, and IAG number

Summary of work performed this period

Estimate of the percentage of project completed

Accounting of funds expended during the reporting period and on the project to date, which includes budget category cost breakdown (See Item 22, page 2)

Summaries of all problems or potential problems encountered during the reporting period

Projected work for the next reporting period.

b. ~~Recipient will provide the EPA Financial Management Center, Cincinnati, with a summary of IPAC transactions quarterly containing, as appropriate, Recipient costs by budget category (See Item 22, page 2) identified by the site, site-specific account number, and IAG number. (h).~~

c. Recipient will provide a final inventory of property, within 30 days of project completion, describing the condition of each item and requesting disposition instructions. If the duration of the project is greater than one year, Recipient will provide an annual inventory of all property acquired by or furnished to Recipient with EPA funds.

4. Cost Recovery

In the event of a contemplated cost recovery action, Recipient will provide to EPA or the Department of Justice (DOJ) a cost documentation package detailing site-specific costs and including copies of the backup documentation. In some cases, these requests from EPA or DOJ may require that this documentation be provided in less than 30 days. If additional time is required to comply with a request, Recipient will negotiate with EPA or DOJ a schedule for responding. Recipient will provide EPA with a contact for obtaining necessary site-specific accounting information and documentation.

5. Record Retention Requirements

Recipient and its contractors will retain the documents described in these Terms and Conditions for a minimum of 10 years after transmission of a final ~~IPAC~~ billing for a site or sites, after which Recipient and its contractors must obtain written permission from the appropriate Regional Award Official before disposing of any of the records.

6. Audits

a. Certain agencies are required by CERCLA, as amended, to perform annual audits of transactions involving Superfund. The Recipient may also be required to perform annual audits. Cost documentation information must be available for audit or verification upon request of the DOI Inspector General.

b. If an audit determines that any direct or indirect costs charged to EPA are unallowable, EPA will be notified by Recipient immediately following the resolution of the audit and be credited with those costs.

7. Other EPA Involvement

a. ~~EPA's substantial involvement in this IAG will include reimbursement to Recipient, through the U. S. Treasury Department's Government On-Line Accounting Link System (GOALS), featuring IPAC. At the same time that reimbursement is made, Recipient sends requests for reimbursement to the authorized representatives of the EPA regional program office and the EPA regional IAG administration office (if applicable) for approval. Approvals of these requests are based upon receipt and approval by the EPA regional program office of the monthly progress report and any other technical reports described in the Scope of Work. If there are any adjustments to the amount paid to Recipient, the regional program office contacts the EPA Financial Management Center, Cincinnati.~~

Note: IPAC/GOALS System does not apply

Reference: EPA Publication 9355.5-14 FS (May 1990)

EPA/USACE Payment Process

b. EPA will hold title to all property acquired with Superfund monies. EPA will provide **Recipient** with property disposal instructions upon termination of the IAG and receive fair -market value for any property disposed of or used for non-Superfund activities.

8. The **Recipient** agrees to submit a report to EPA showing the total amount of procurement dollars awarded and the amount and percentage of such funds awarded to MBEs and WBEs on forms 6005-3 and 6005-3a by December 15th of the current year. Reports should be submitted to:

Office of Small Disadvantaged Business Utilization
U. S. Environmental Protection Agency
401 M Street, S.W. (Mailcode: 1230)
Washington, D.C. 20460

9. The **Recipient** certifies (1) that any indirect costs included in billing EPA represent, in accordance with GAO principles, indirect costs that are funded out of the performing agency's currently available appropriations and that bear a significant relationship to the performing of the services of work, or (2) that statutory authority exists for charging other than these costs for performance. If an audit determines that any direct or indirect costs changed following the resolution of the audit, EPA will be credited for those costs.

**SCOPE OF WORK FOR TECHNICAL ASSISTANCE
TO THE U.S. ENVIRONMENTAL PROTECTION AGENCY
FIVE YEAR REVIEWS**

Introduction:

The purpose of this Scope of Work (SOW) is for the completion of a Five Year Review for each of the following sites: Upper Ten Mile Creek Mining Area (MT), Mouat Industries (MT), Basin Mining (MT), Wasatch Chemical (UT), and Lincoln Park (CO). A statutory Five Year Review is required at 4 of the sites because contamination remains in place above levels that allow for unrestricted use and unlimited exposure. A policy 5 year review is required at Mouat Industries because EPA used removal authority to construct an onsite repository containing contamination in place above levels that allow for unrestricted use and unlimited exposure. The Five-Year Reviews will include a review of each site, including all operable units at each site, as required in the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) § 121 (c) and 40 CFR §300.430(f)(4)(ii). The Five Year Reviews will be executed in accordance with the U.S. Environmental Protection Agency (USEPA) Comprehensive Five-Year Review Guidance, June 2001. The Five-Year Reviews are scheduled to begin by June 2007 and be completed by September 30, 2007. This SOW may be amended to include additional five year reviews as statutory deadlines for those reviews approach. This SOW may also be amended to provide additional technical assistance, including cost estimating and value engineering, to the USEPA.

General Description of Work:

The Contractor will prepare a Five Year Review Report in accordance with the June 2001 Five Year Review guidance issued by the USEPA. This guidance is available electronically at: <http://www.epa.gov/superfund/resources/5year/guidance.pdf>. Each report will be closely coordinated with the USEPA and the U.S. Army Corps of Engineers (USACE) to assure completeness and accuracy.

- Upper Ten Mile Creek Mining Area, Montana

The Upper Ten Mile Creek Mining Area site is located in the Rimini Mining District southwest of Helena, Montana. It consists of numerous abandoned and inactive hard rock mines sites that produced gold, lead, zinc, and copper. Mining began in the Rimini Mining District before 1870 and continued through the 1920s. Little mining has been performed in the Rimini Mining District since the early 1930s.

The site boundary includes the drainage basin of Ten Mile Creek upstream of the Helena water treatment plant and includes tributaries that supply water to the plant's five intake pipelines. EPA identified 150 individual mine sites within the watershed boundary, of which 70 have been prioritized to cleanup. Many of these mine features are above the City of Helena drinking water intakes which supply over 70% of the city's water.

EPA added the Upper Ten Mile Creek Mining Area to the Superfund National Priorities List on October 22, 1999, due to mining wastes in the 53 square mile watershed. The small historic mining community of Rimini is located within the Superfund Site boundaries. Contaminants of concern include lead, copper, zinc, and arsenic.

This will be the first Five Year Review for the Upper Ten Mile Creek Mining Area Site. The Review will include an evaluation of the protectiveness of residential remediation conducted in 2006 and 2007.

- Mouat Industries, MT

Mouat Industries operated a pilot processing plant at the Site to convert chromium (Cr) ore into sodium dichromate. Site soils and groundwater became contaminated by the leaching of hexavalent chromium (Cr(VI)) in the form of sodium chromate and sodium dichromate from sodium sulfate waste piles left on the site after pilot plant work ceased in 1963. Several parties removed most of the waste materials from the site between 1963 and 1973, and in 1973, Anaconda Minerals Company performed a surface soil treatment using acidic ferrous sulfate and lime in an attempt to treat observed soil impacts.

By 1976, the Site surface showed evidence of yellow sodium dichromate minerals, and State investigations commenced. Groundwater sampling in 1977 by HKM Associates for the State of Montana identified a Cr(VI) plume migrating from the site toward the Yellowstone River to the southeast. USEPA investigations of the site began as early as 1980, and continued through 1990. In 1989 and 1990 the USEPA Environmental Response Team (ERT) collected surface soil samples and analyzed leachable Cr using the Extraction Procedure Toxicity (EPTox) test. In March 1990, USEPA performed a Removal Action consisting of fencing the site and improved run-on/run-off controls to prevent surface migration of Cr(VI).

In 1989 USEPA also retained the services of the USEPA Risk Reduction Laboratory (and subcontractor PEI Associates) to evaluate Cr(VI) reduction and solidification techniques

for site soils. In August 1990, USEPA issued an Action Memorandum authorizing a TCRA to perform on-site soil treatment with an option for off-site soil disposal "if the full-scale demonstration results show that the treatment requirements are not met..." In November 1990, USEPA issued a Unilateral Administrative Order (UAO) for Removal Action to FMC and other Potential Responsible Party (PRP) respondents to conduct the TCRA for soil, and FMC complied with the UAO.

EPA had originally determined that the Site would go through the Remedial process (RI/FS, ROD...) after the Removal process. However, in 1995, in consultation with PRP respondents and the State, EPA elected to utilize the more "streamlined" NTCRA process instead of the Remedial process to authorize a final comprehensive remedy for groundwater impacts and site controls. FMC performed an Engineering Evaluation and Cost Estimate (EE/CA), conducted a focused Risk Assessment (PTI 1995) and installed groundwater monitoring wells in support of the NTCRA. USEPA's selected remedy consisted of Monitored Natural Attenuation (MNA) for groundwater and Institutional Controls for the Site and areas containing groundwater impacts. USEPA issued a UAO dated July 23, 1996 to the PRP respondents to perform the formal components of the NTCRA remedy. In a letter dated August 28, 1996, USEPA accepted Atlantic Richfield Company's (ARCO's) offer to conduct the long-term groundwater monitoring (letter dated August 20, 1996) and the Town of Columbus' (Town) offer to manage ICs (letter dated August 15, 1996).

Soil Removal Action

As described above, USEPA issued a UAO in November 1991 to FMC and other PRP respondents to perform the TCRA work, and FMC complied. Exhibit A of the UAO contained a Statement of Work that described two work phases: 1) perform treatability and pilot tests and design a full-scale treatment process for Cr soil treatment and soil solidification; and 2) excavate and treat all soils that have total Cr levels in EPTox analytical results higher than 0.1 mg/l. Note that Cr(VI) is the toxic and soluble (leachable) Cr form, whereas the trivalent forms (Cr(III)) are relatively non-toxic and non-soluble. Based on 1989 and 1990 investigations, USEPA estimated that approximately 20,000 cubic yards of soils with total Cr above 0.1mg/l (as measured by EPTox) were present within an approximate 1-acre area (fenced as part of EPA's initial TCRA).

The UAO also provided soil treatment performance specifications: treated material had to exhibit total Cr levels (as measured by TCLP) at or below the MCL of 0.1 mg/l. In summary, both the TCRA "removal standard" and "treatment standard" were set in the UAO so that no materials would remain on-site with the potential to leach Cr at greater than the drinking water Maximum Contaminant Level (MCL). No risk-assessment or groundwater dilution and attenuation evaluation was used in setting these performance

USEPA investigations in 1989 and 1990 delineated the extent of Cr(VI) contamination using the EPTox test as an indicator of Cr(VI), since the Cr(III) is non-leachable. The EPTox has been superseded by the TCLP test for most uses.

standards, and FMC believed that they were overly conservative. During the development of the Response Action Workplan for the soil TCRA, FMC and USEPA further refined the "removal" and "treatment" standards.

Soil Removal "Action Levels" and Performance Results

A removal "Action Level" was separately defined for materials inside and outside of the USEPA site fence. Inside the USEPA fence, the soil removal Action Level was total Cr in TCLP extract >0.5 mg/l; soil exceeding the Action Level was to be removed down to elevation 3564' mean sea level (MSL) or to the clay/gravel interface, whichever was at a lower elevation. Elevation 3564' MSL was selected as being at or below the historic low static water levels (water table), so that excavating to this level would ensure that the entire unsaturated soil zone was removed. Once reaching elevation 3564' MSL, the excavation would continue deeper until the overlying clay material was removed, and the underlying gravel aquifer was encountered. This procedure ensured that no potential soil source of Cr would be remaining, since the excavation could not be halted until the coarse gravel within the saturated aquifer zone was reached². Outside of the USEPA fence, the soil removal Action Level was set at TCLP Cr levels >0.1 mg/l; soil exceeding the Action Level was to be removed, with the same depth criteria as for inside the fence (minimum 3564' MSL or clay-gravel interface). Material removed from outside the fence could be placed untreated within the excavation inside the USEPA fence if TCLP Cr was not >0.5 mg/l, otherwise the material was treated. As will be described later, human health and ecological risk assessments performed by USEPA and FMC after the TCRA demonstrated that the soil removal and treatment standards were fully protective of potential receptors.

As a part of the TCRA planning process, FMC conducted a comprehensive supplemental characterization of the aerial and vertical extent of Cr impacts. During this extent investigation, approximately 770 discrete soil samples were collected from 30 surface sample locations and 102 soil borings for TCLP extractable Cr analysis. This extent investigation provided necessary data to define the excavation limits inside and outside of the USEPA fence.

FMC conducted the excavation of soils with TCLP Cr levels above "Action Levels" during 1993 and 1994. A comprehensive evaluation of the Cr concentration in soils left in place immediately outside the perimeter of the response action excavation is provided in Baker. Approximately 375 samples collected from surface grabs, soil borings and test pits had available TCLP Cr analysis, and all were below the "Action Levels".

Soil Treatment Performance Criteria and Results

Final performance specifications were developed in consultation with USEPA, and incorporated into the Response Action Work Plan, and are as follows with

² Note that the sodium dichromate salts that represented the soil source are highly soluble in water (solubility 74 wt% @25C), and would not exist in solid form within the saturated gravel aquifer.

frequency of testing shown in square brackets. Samples were allowed to cure for 28 days prior to performance testing.

- TCLP extractable chromium ≤ 0.5 mg/l [every 1,000 tons or daily at minimum]
- MEP³ extractable chromium ≤ 5 mg/l (for each extract) [every 5,000 tons]
- Permeability \leq background soil [every 5,000 tons]
- Unconfined compressive strength ≥ 50 psi [every 1,000 tons]

As an initial phase of work under the UAO, FMC conducted comprehensive treatability testing for the reduction of Cr(VI) and solidification of the soil material (Kiber Associates, 1992). Optimal treatment performance seemed to be achieved using a three step process: 1) lowering pH with sulfuric acid to pre-treat soils and maximize sodium dichromate solubility, 2) addition of ferrous sulfate (FeSO_4) reducing agent to reduce hexavalent chromate or dichromate to trivalent chromium sulfate ($\text{Cr}_2(\text{SO}_4)_3$), and 3) addition of Portland cement that raises pH and results in transformation of highly soluble $\text{Cr}_2(\text{SO}_4)_3$ to an insoluble $\text{Cr}(\text{OH})_3$ form. The cement also provides for physical solidification of the soil material reducing increasing long-term chemical immobilization. FMC developed a treatment process acceptable to USEPA that utilized high shear batch mixers to treat soil in a wet slurry form with sulfuric acid and ferrous sulfate to reduce hexavalent chromium to the trivalent form. In general, the soluble hexavalent chromate (CrO_4^{2-}) or dichromate ($\text{Cr}_2\text{O}_7^{2-}$) species are reduced to insoluble trivalent Cr_2O_3 and $\text{Cr}(\text{OH})_3$ forms. After slurry mixing and chemical reduction of Cr(VI) to Cr(III), Portland cement was added to the treatment batch, and the batch was released to a pre-fabricated steel bin for curing and solidification. During 1993, FMC treated 14,000 cubic yards of soil, creating 7,000 cement/soil blocks. Each block of treated soil was sampled and analyzed for Cr in the TCLP extract, and all blocks met the four soil treatment performance criteria described above.

Due to the Town of Columbus' concern over final Site configuration and future land use, during 1994 the remaining 19,400 cubic yards of impacted soil was disposed off-site at a permitted landfill facility. Treated blocks and soils from outside the USEPA fence with TCLP extractable chromium ≤ 0.5 mg/l were placed in the excavation (and an additional excavation east of the primary excavation), and the Site was graded and surfaced with a gravel cover to allow vehicular and storage use.

This will be the first Five Year Review for this Site and will include an evaluation of the effectiveness of monitored natural attenuation.

- Basin Mining, MT

The Basin Mining Area site is located within the Boulder River watershed, and consists of uncontained mine tailings piles and areas of soil contamination resulting from precious metal mining activities. Mining activities included hard rock mines where veins of quartz,

tourmaline, pyrite, galena, tetrahedrite, sphalerite, arsenopyrite, chalcopyrite, and siderite within the Cretaceous Boulder Batholith were explored. Tailings piles are located along Basin and Cataract Creeks and within and adjacent to the Basin town limits. The Town of Basin is situated near the confluence of the Boulder River and Basin Creek. Mining activities in the Basin Mining Area commenced in the late 1800s and continued intermittently into the 1960s. Metals extraction included milling and smelting of ore within the Town of Basin.

The Basin Mining Area includes: Bullion Mine, Buckeye-Enterprise Mine-Mill, Crystal Mine, Boulder Chief Mine, Eva May Mine, Basin Tailings, Jib Tailings, and contaminated soil.

A Montana Bureau of Mines and Geology, Abandoned-Inactive Mines (MBMG AIM) report indicated that the Bullion mine and Buckeye-Enterprise mine in the Basin Creek drainage, and the Crystal mine in the Cataract Creek drainage appear to be major contributors to the dissolved-metals loading in the creeks. The group of mines in the Jack Creek drainage were noted as having the greatest individual and collective impact of any other in the Basin Mining Area. The samples collected from Basin Creek below all of the sampled mines had elevated arsenic concentrations; the MBMG AIM program report indicated possible entrance of ground water and sediments via the Basin Belle or Daily West mines.

EPA conducted a Screening Site Inspection (SSI) in 1989 and in 1991, conducted an Expanded Site Inspection. EPA also sampled in the environs of the Basin School in January of 1990, and the Montana Department of Health and Environmental Sciences sampled the Basin School Yard soils in April and June of 1990. Samples collected during the 1989 SSI from tailings piles located in and around Basin revealed elevated levels of arsenic, cadmium, copper, lead, manganese, mercury, silver and zinc in the uncontained sources. Samples of surface soil showed contamination on residential properties within the Town of Basin. Arsenic was detected in surface soil samples collected from the Basin School playground area at concentrations exceeding the cancer risk level. Basin School officials were advised by the Montana Health Department to restrict student access to documented and suspected areas of contamination on the school's property.

Surface water and sediment samples collected during the 1989 SSI indicated that hazardous substances attributable to the site, specifically arsenic, copper, lead, silver and zinc, were being released from site sources to the Boulder River. Surface water and sediment samples collected during the 1993-1994 Montana Department of State Lands, Abandoned Mine Reclamation Bureau indicated that hazardous substances attributable to the mines, specifically arsenic, cadmium, copper, iron, lead, manganese, mercury, silver, antimony, and zinc in uncontained sources within the Basin Mining Area were being released to surface water. The MBMG AIM samples identified elevated levels of arsenic, cadmium, copper, lead, and zinc in samples collected during their study.

The Boulder River, Basin Creek, and Cataract Creek transect the Basin Mining Area site and are documented recreational fisheries. The State of Montana has classified the

Boulder River and Cataract Creek as level B-1 surface water bodies for drinking, culinary, and food processing purposes after conventional treatment. The Basin Creek drainage has been classified by the State of Montana as an A-1 surface water body.

EPA listed the Basin Mining Area to the Superfund National Priorities List on October 22, 1999, due to mining-waste problems in the watershed and mining waste in the Town of Basin. The mining area includes the watersheds of Basin and Cataract Creek and portions of the Boulder River below the confluence with these heavily impacted streams. Listing makes the site eligible for federal cleanup funds while EPA seeks to recover costs from the parties responsible for the contamination, or to complete the work if no parties are found. The NPL designation also allows EPA to cooperate with other agencies in the cleanup. Under Superfund, affected communities are eligible to receive Technical Assistance Grants from EPA to provide a technical advisor for independent review of the proposed work.

Mine wastes impact Basin and Cataract Creeks and the soils within the town of Basin. Contaminants include arsenic, cadmium, copper, lead and other metals. Listing allows EPA to look at the watersheds in a comprehensive way in cooperation with other agencies and community groups. The Site is divided into two Operable Units (OUs): the town of Basin and the Basin Watershed.

In the summer of 1998, EPA conducted a removal in the Town of Basin OU near residential properties. This action removed some of the mining waste sources located in the community of Basin. Since then, the Agency completed a remedial investigation in October 2000 and a feasibility study in December 2000.

A human health risk assessment was completed in October of 2000 as well as a Proposed Plan for clean up in January 2001. The Record of Decision was finished in March of 2001, with an estimated cost of \$3.9 million. The residential component of the remedy began in September 2002 and was completed in November 2003. Source area cleanup began in May 2004 and was completed in the fall of 2004. OU1, the Town of Basin Project, is now complete.

This will be the first Five Year Review for this Site and will include an evaluation.

- Wasatch Chemical, Utah

The Wasatch Chemical Company is an 18-acre site located at 1987 South 700 West in Salt Lake City. In the process of making pesticides, herbicides and various chemical products, the company contaminated soil and ground water. The main contaminants of concern are herbicides, pesticides, dioxins, semi-volatile and volatile organic compounds. Also, the onsite groundwater is contaminated with hydrocarbons.

Remedial construction for this project is complete. Activities included land farming 1100 cubic yards of hydrocarbon-contaminated soils to remove contamination, in-situ vitrification of 5600 cubic yards of soils contaminated with other chemicals, and

installation of a groundwater extraction and treatment system. Pump and treat was discontinued in January 2003 due to low water conditions. EPA approved a Monitored Natural Attenuation Work Plan in 2002. Hydrogen Reducing Compound has also been used to enhance natural attenuation of chlorinated hydrocarbons. The remedy has been considered operational and functional since 1994.

This will be the third Five Year Review for this Site. The review will include an evaluation of the effectiveness of monitored natural attenuation.

- Lincoln Park, Colorado

The Lincoln Park Superfund Site is located in Fremont County, Colorado, approximately 1 ½ miles south of Canon City. The Site includes Cotter Corporation's Canon City uranium mill facility and a portion of the surrounding property, and a portion of the Lincoln Park community. The Site has been divided into two Operable Units (OUs): the Lincoln Park Study Area (OU2), and a defined portion of Cotter's Canon City mill property (OU1).

Remediation of surface soils within OU 2 is complete, although groundwater in the area remains contaminated. The mill facility (OU1) is operating under a radioactive materials license and a record of decision has not been issued for that portion of the Site.

This will be the first Five Year Review for this Site and will include an evaluation of the effectiveness of monitored natural attenuation.

Deliverables:

The contractor will provide a Five Year Review for each of the sites identified in this SOW. The reports will be supplied to both USEPA and UASCE in hard copy and electronic format. USEPA maintains the authority to determine the protectiveness statements for each site and the signatory authority of the reports. Community involvement will be limited to publication of notices in local newspapers. The USEPA will conduct the analysis of applicable and relevant or appropriate requirements. The contractor shall provide other support to the USEPA in the form of telephone conferences, electronic mail submittals, or other documentation as directed by the USEPA Region 8 RPM.

General Information:

Points of Contact:

- Contractor: The contractor shall assign a member or employee who will be known as the Project Manager (PM). This individual will oversee the correlation of the entire project, administer all instructions from this office and answer or obtain answers to all questions from this office.

- USACE: The USACE Project Manager (PM) is the representative of the Contracting Officer (CO). The USACE PM will serve as the soil point of contact. Any deviations, changes, inadequacies or any kind, and any questions related to the SOW shall be immediately brought to the attention of the USACE PM for resolution.
- USEPA: The USEPA Remedial Project Manager (RPM) will provide information and coordination necessary to conduct the Five Year Review process.

Services and Materials: All services, supplies, materials, labor, superintendence and travel necessary to perform the work and render the data required under this SOW are included in the price of this contract.

Travel and Meetings: The contractor shall perform all travel as part of the contract requirements and the cost thereof shall be included with the contract cost. Responsible representatives of the contractor's firm or teaming partner, from the appropriate disciplines shall attend meetings.

Period of Performance: Final work products, including submission of all required data, shall be completed no later than six months from the day after the effective date of the delivery order.



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 8
1595 WYNKOOP STREET
DENVER, COLORADO 80202
<http://www.epa.gov/region8>

=====

CONCURRENCE COPY

=====

Ref: 8MO

Marvene Seaman
U.S. Army Corps of Engineers
HTRW CX
12565 West Center Road
Omaha, NE 68144-3869

JUN 11 2007

Re: Interagency Agreement
DW-96-95398501-0

Dear Ms. Seaman:

Enclosed are copies of a new Interagency Agreement between the U.S. Environmental Protection Agency, Region VIII, Montana Office, and the U.S. Army Corps of Engineers. This IAG provides \$148,000 of funding for technical assistance to support Superfund five year review activities.

Please sign and date line 33 on both copies of the enclosed EPA Form 1610-1. Retain the recipient copy for your files, and return the remaining EPA copy of the agreement to:

Danette Quick, Grants Specialist
EPA Region VIII, Montana Office
10 W. 15th Street, Suite 3200
Helena, MT 59626

If you have any questions regarding the administrative requirements, contact Danette Quick at (406)457-5010, via Email at quick.danette@epa.gov. If you have any questions regarding the technical requirements, contact Roger Hoogerheide at (406)457-5031, via Email at hoogerheide.roger@epa.gov.

Sincerely,

/SIGNED/_____
WAYNE ANTHOFER, STMS-G

Wayne Anthofer, Director
Grants, Audit & Procurement
Program Office

Enclosures

F:\ 5/30/07:Danette\Documents\lags\USACE 5YrR 985.doc

DE x840
5/30/07

RH 840
5/30/07

PS/30/07



Printed on Recycled Paper

EPA SUPERFUND PROGRAM

NEW ASSIGNMENT

To: Omaha District
Attn: CENWO-RM-B

EPA IAG No. DW96953985-01-0

P2 Project Name: ESO DW96953985-000

Date: 14 June 2007

EPA Region 8 Denver

Site Name: GENERIC IAG REG 8 /5-YR REVIEW

Site ID Number: CX0800000003

CCSC: B2D - Five-Year Review

Management Structure Code (CWIS): 018985

Command Indicator Code: 99EPA

Direct Fund Cite (Contract) Funding (68X8145):

Previous Amount:	0.00
Amount of Funding:	0.00
Revised Amount	0.00

Revised Reimbursable Funding (96X3122):

Previous Amount:	0.00
Amount of Funding:	148,000.00
Revised Amount	148,000.00

Total Funding	148,000.00
---------------	------------

Start Date: 06/11/2007
Expiration Date: 06/30/2012

EPA Source Appropriation: 68-20X8145

IAG Acceptance Procedures:	
1 st Signed Original:	U.S. EPA, Region 8 Denver, Montana Office, Danette Quick, Grants Specialist, 10 W. 15 th Street, Suite 3200, Helena, MT 59626
2 nd Signed Original:	Retained for District File
Acceptance Copy:	Marvene Seaman, HTRW-CX (CENWO-HX-S)

PIF Information POC:

Marvene Seaman
HTRW-CX (CENWO-HX-S)
12565 West Center Road
Omaha, NE 68144-3869

marvene.l.seaman@usace.army.mil
Phone: (402) 697-2425
Fax: (402) 697-2613

CF:
CENWO-HX-S (E. Hines)
CENWO-HX-E (G. Mellema)



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 8, MONTANA OFFICE
FEDERAL BUILDING, 10 W. 15th STREET, SUITE 3200
HELENA, MONTANA 59626

Ref: 8MO

DECISION MEMORANDUM

SUBJECT: Interagency Agreement with Army Corps of Engineers to Support the Montana Operations Office and Ecosystems Protection and Remediation Program with Five Year Reviews, Value Engineering and Cost Estimation

FROM: Roger Hoogerheide *Roger Hoogerheide*
Remedial Project Manager

TO: Wayne Anthofer, Director
Office of Grants, Audit and Procurement

I. Project Description

This interagency agreement (IAG) is established to have the U.S. Army Corps of Engineers (USACoE) provide support to the U.S. Environmental Protection Agency's (EPA) Superfund program.

A. Project Overview

The purpose of this IAG will support Superfund's Five Year Review activities and other technical assistance such as cost estimation and value engineering. Five Year Reviews are required as a matter of statute at all sites where waste has been left in place and land use is restricted or exposure may be limited.

B. Scope of Work

The purpose of this IAG is to secure support from USACoE to conduct Five Year Reviews as required by statute and to provide cost estimation and value engineering services. A complete scope of work is attached.

II. Statutory Authority:

CERCLA Section 105 (a) (4) and Section 115; Executive Order 12580

III. Alternatives to this IAG considered:

A. In-house: In house staff resources are not available for accomplishment of this



project since the Remedial project Manager responsible for conducting 5 year reviews retired in May and the position will not be backfilled.

B. Contracts: The USACoE is expected to be more cost-effective than existing engineering contracts such the Region 8 RAC contracts with CDM and PWT. The GSA schedule, while more efficient and cost effective, is not being considered for this work due to workload constraints on the Contracting Officers in Region 8.

C. Invitation to Bid: Offering Invitations to Bid would be resource intensive and time-consuming compared to taking advantage of the expertise of the USACoE and is not recommended for these very straightforward activities.

D. Inter-Agency Agreements with other Federal Agencies: The USACoE has experience conducting Five Year Reviews and managing subcontractors who perform this work and they are fully qualified to meet all requirements within the scope of work.

IV. Recommendations

The Region 8 Montana Operations Office recommends that we enter into this IAG with the USACoE to provide the Region 8 Superfund program the ability to complete its response work as efficiently as possible.

V. Estimated Project Costs

We are providing initial funding in the amount of \$148,000 to fund completion of 5 Five Year Reviews this fiscal year with option years to provide additional support TBD. The period of performance for this IAG will extend for five years.

Document Readers

**Commitment Notice**

Title: SF TECHNICAL ASSISTANCE

Document Status

Document Phase: Signature

Last Modified: 05/24/2007

Current Editor: Mandi Rodriguez

Previous Editor: Roger Hoogerheide

Commitment Notice Information

Program Code: W - Interagency and Intergovernmental Agreements

Grant Number: 9539801-0

Approved Ceiling: \$148,000

Commitment Amt: \$148,000

Commitment Type: Original Commitment

Agreement Type:

Applicant Name: COEng 64106 - Corps of Engineers-Kansas City District

DUNS: DOD966419

Employer EIN:

Awarding Region: EPA R8

Responsibility Ctr:

Allowance Holder:

Is Contract Negotiator Allowed to exceed amount shown above by up to 10% without securing further approval for:

Allowed to Exceed: No

Description Of Project, Goods, or Services

Description:

The purpose of this IAG IS TO support Superfund's Five Year Review activities and other technical assistance such as cost estimation and value engineering. Five Year Reviews are required as a matter of statute at all sites where waste has been left in place and land use is restricted or exposure may be limited and cost estimation and value engineering

Task, Road, or Other Local Identifier

Identifier:

Special Comments and Instructions

Comments:

Commitment Notice Document Attachments

Fiscal Information

Vendor Code:

Service Finance AP33

Office:

Accounting Period: 082007

IFMS Status: Not Submitted

All fiscal lines must be submitted to IFMS before the Commitment Notice can be signed. The IFMS Status reflects the results of the last transaction. Please submit the remaining lines.

Line	Site Name	Req No	Fiscal Yr	Approp Code	BO Code	PRC	Object Class	Amount	Site Project	Cost Org Code
001	5 YR RVW	078ALRA030	07	T	BALOR	302DD2C	2507	148,000	08WQFE00	C001
								148,000		

Review

24 2007

Read Access: Controlled

Readers: Roger Hoogerheide, Danette Quick

Submitted:

Approvers:

Submitted:

Due Date:

Response	Approver	Date

Fund Certifying Official Signature

Fund Certifying EPA R8

Official Region:

Fund Certifying Mandi Rodriguez

Official:

Title: Administrative Officer

Phone: 303-312-6697

Fund Certifying Official Signature:

Approval:

Date:

Notes:

Attachment:

Project Officer

Approving Region: EPA R8

Project Officer: Roger Hoogerheide

PO Phone: 406-457-5031

Grant Specialist

Grant Specialist: Danette Quick

Funding Recommendation

Origination Information

Notifications History

ACTION: R SCREEN: REQL USERID: MIMI

05/24/07

10:46:17 AM

*** REQUISITION ACCOUNTING LINE INQUIRY TABLE ***

KEY IS TRANS CODE, REQ NO, LINE NO blue copy

TRANS CODE: RQ

REQ NO: 078ALRA030

01- LINE NO: 001	BFY: 2007	APPR: T	RPIO: 08	
BUDGET ORG: 8ALOR		PE: 302DD2C	LINE AMT:	148,000.00
COST ORG: C001		SITE/PROJ: 08WQFE00	CLOSED AMT:	0.00
BOC: 2507		RPTG CATG:	OBLG AMT:	0.00
LAST CHG STATUS:		DESCRIPTION: IAG CORE ENGRS KANSAS CITY RHO		
02- LINE NO:	BFY:	APPR:	RPIO:	
BUDGET ORG:		PE:	LINE AMT:	
COST ORG:		SITE/PROJ:	CLOSED AMT:	
BOC:		RPTG CATG:	OBLG AMT:	
LAST CHG STATUS:		DESCRIPTION:		
03- LINE NO:	BFY:	APPR:	RPIO:	
BUDGET ORG:		PE:	LINE AMT:	
COST ORG:		SITE/PROJ:	CLOSED AMT:	
BOC:		RPTG CATG:	OBLG AMT:	
LAST CHG STATUS:		DESCRIPTION:		

02-*L009 HEADER CHANGE

PART D - Remarks by Requesting Office

(Note to Supervisors: Do you know of additional or conflicting reasons for the employee's resignation/retirement?
If "YES", please state these facts on a separate sheet and attach to SF 52.)

☐

YES

☐

NO

PART E - Employee Resignation/Retirement

Privacy Act Statement

You are requested to furnish a specific reason for your resignation or retirement and a forwarding address. Your reason may be considered in any future decision regarding your re-employment in the Federal service and may also be used to determine your eligibility for unemployment compensation benefits. Your forwarding address will be used primarily to mail you copies of any documents you should have or any pay or compensation to which you are entitled.

This information is requested under authority of sections 301, 3301, and 8506 of title 5, U.S. Code. Sections 301 and 3301 authorize OPM and agencies to issue regulations

with regard to employment of individuals in the Federal service and their records, while section 8506 requires agencies to furnish the specific reason for termination of Federal service to the Secretary of Labor or a State agency in connection with administration of unemployment compensation programs.

The furnishing of this information is voluntary; however, failure to provide it may result in your not receiving: (1) your copies of those documents you should have; (2) pay or other compensation due you; and (3) any unemployment compensation benefits to which you may be entitled.

1. Reasons for Resignation/Retirement (NOTE: Your reasons are used in determining possible unemployment benefits. Please be specific and avoid generalizations. Your resignation/retirement is effective at the end of the day - midnight - unless you specify otherwise.)

2. Effective Date

3. Your Signature

4. Date Signed

5. Forwarding Address (Number, Street, City, State, ZIP Code)

PART F - Remarks for SF 50

MONTANA
SUPERFUND
INTERAGENCY AGREEMENT
ROUTING SLIP

RECIPIENT: USACE

INTERAGENCY ID#: DW-96-95398501-0

PROJECT: Five Year Reviews

ACTION: New

Concurrence
and Date

1. PROJECT OFFICER - Roger Hoogerheide (8MO)	RH 5/30
2. MONTANA OFFICE DIRECTOR - John Wardell (8MO)	JW 5/30
3. Deputy ARA - Judy Wong (8EPR)	JW 4/4
4. GRANTS DIRECTOR - Wayne Anthofer (8TMS-G)	WA 6/5
5. GRANTS SPECIALIST - Danette Quick (8MO)	

COMMENTS:

Please route quickly!

ENVIRONMENTAL
PROTECTION

JUN 13 2007

MONTANA OFFICE

Thank you

Roger
Hoogerheide /R8/USEPA/US
Sent by: Roger Hoogerheide

05/30/2007 10:07 AM

To Danette Quick/MO/R8/USEPA/US@EPA

cc

bcc

Subject Fw: Concurrence request of Five year review assistance

----- Forwarded by Roger Hoogerheide /MO/R8/USEPA/US on 05/30/2007 10:11 AM -----



"Crifasi, Vincenzo A NWK "
<Vincenzo.A.Crifasi@nwk02.
usace.army.mil>

05/29/2007 10:58 AM

Kristine Knutson/MO/R8/USEPA/US@EPA, Rebecca
To Thomas/EPR/R8/USEPA/US@EPA, Roger
Hoogerheide/MO/R8/USEPA/US@EPA

cc

Subject Concurrence request of Five year review assistance

Here is the revised list. Please confirm the list or send comments.

Wasatch Chemical (UT) - HDR
Lincoln Park (CO) - HDR
Upper Ten Mile (MT) - HDR
Basin (MT) - CHMM Hill
Mouat (MT) - HDR

Thanks,

Vincenzo

VINCENZO A. CRIFASI, PE, PMP
US Army Corps of Engineers,
Kansas City District
Project Manager, PM-EP
(w) 816.389.3358
(F) 816.389.2023

-----Original Message-----

From: Knutson.Kristine@epamail.epa.gov
[mailto:Knutson.Kristine@epamail.epa.gov]
Sent: Wednesday, May 23, 2007 1:55 PM
To: Thomas.Rebecca@epamail.epa.gov
Cc: Hoogerheide.Roger@epamail.epa.gov; Crifasi, Vincenzo A NWK
Subject: RE: Five year review assistance and contact information

No, for Basin, CH2MHill is the preferred contractor.

Kristine Knutson
Environmental Scientist
10 W. 15th Street, Suite 3200
Helena, MT 59626
Voice: (406) 457-5021
Fax: (406) 457-5055
Toll Free: 866-457-2690

Rebecca
Thomas/EPR/R8/US
EPA/US

05/23/2007 12:20
PM

To
"Crifasi, Vincenzo A NWK"
<Vincenzo.A.Crifasi@nwk02.usace.army.mil>

cc

Kristine
Knutson/MO/R8/USEPA/US@EPA, Roger
Hoogerheide/MO/R8/USEPA/US@EPA

Subject

RE: Five year review assistance
and contact information(Document
link: Kristine Knutson)

HDR is the preferred contractor for all of these Five Year Reviews, including
Basin and Mouat.

U.S. EPA, Region 8
Rebecca Thomas (EPR-SR)
1595 Wynkoop
Denver, Colorado 80202-1129
(303) 312-6552

"Crifasi,
Vincenzo A NWK"
<Vincenzo.A.Crifasi@nwk02.usace.army.mil>

05/23/2007 12:04
PM

To
Rebecca
Thomas/EPR/R8/USEPA/US@EPA

cc

Kristine
Knutson/MO/R8/USEPA/US@EPA, Roger
Hoogerheide/MO/R8/USEPA/US@EPA

Subject

RE: Five year review assistance
and contact information

As a point of clarification I have associated the preferred contractor next
the site name. Please confirm....

5 Five Year Reviews

Wasatch Chemical (UT) - HDR
Lincoln Park (CO) - HDR
Upper Ten Mile (MT) - HDR
Basin (MT) - CHMM Hill
Mouat (MT) - CHMM Hill

VINCENZO A. CRIFASI, PE, PMP
US Army Corps of Engineers,
Kansas City District
Project Manager, PM-EP
(w) 816.389.3358
(F) 816.389.2023

***** PLEASE NOTE ***** This message, along with
any attachments, may be confidential or legally privileged. It is intended
only for the named person(s), who is/are the only authorized recipients. If
this message has reached you in error, please notify the sender immediately
and promptly destroy it without review. Dissemination, distribution or
copying of this communication is strictly prohibited. Thank you for your
help.

-----Original Message-----

From: Thomas.Rebecca@epamail.epa.gov
[mailto:Thomas.Rebecca@epamail.epa.gov]
Sent: Tuesday, May 22, 2007 6:29 PM
To: Crifasi, Vincenzo A NWK
Cc: Knutson.Kristine@epamail.epa.gov; Hoogerheide.Roger@epamail.epa.gov
Subject: RE: Five year review assistance and contact information

5 Five Year Reviews

Wasatch Chemical (UT)
Lincoln Park (CO)
Upper Ten Mile (MT)
Basin (MT)
Mouat (MT)

U.S. EPA, Region 8
Rebecca Thomas (EPR-SR)
1595 Wynkoop
Denver, Colorado 80202-1129
(303) 312-6552